

## Selected Items Report

### Water Wells Selected From Map

Filter Results by Depth

Greater than



Filter
































WELL DESCRIPTION	LOCATION	WELL INFORMATION			
		Depth	Top Perf	Bottom Perf	Aquifer
<a href="#">Receipt=9124265, Permit=0134980--</a> BRANCH STANELY E.	SWNE 3 33 N-8W	170	0	0	GW
<a href="#">Receipt=9124030, Permit=0114498--</a> BAIRD C M	SENE 3 33 N-8W	14	10	15	GW
<a href="#">Receipt=9703341, Permit=0289865--</a> DOLORES DEVELOPMENT CO LLC	SENE 3 33 N-8W	230	40	220	GW
<a href="#">Receipt=9703358, Permit=0290326--</a> HILL KEVIN	NESE 3 33 N-8W	0	0	0	GW
<a href="#">Receipt=9702925, Permit=0280489--</a> HILL KEVIN	NESE 3 33 N-8W	0	0	0	GW
<a href="#">Receipt=9123032, Permit=0070295--</a> MARTINEZ DEMIS P & CELIA J	NESE 3 33 N-8W	177	50	170	GW
<a href="#">Receipt=9701247A, Permit=0248923--</a> DODD DAVIE W	NESE 3 33 N-8W	0	0	0	GW
<a href="#">Receipt=1504743, Permit=0069469-F-</a> SAMSON RESOURCES COMPANY	NESE 3 33 N-8W	0	0	0	GW
<a href="#">Receipt=0234086, Permit=0129434--</a> <b>DODD H A</b>	<b>NESE 3 33 N-8W</b>	<b>250</b>	<b>40</b>	<b>250</b>	<b>GW 6300'</b>
<a href="#">Receipt=0107379, Permit=0107856--</a> JOHNSON FRED	NWSE 3 33 N-8W	230	60	120	GW
<a href="#">Receipt=0372228, Permit=0180600--</a> MCCULLAR STACEY	NWSE 3 33 N-8W	160	40	160	GW
<a href="#">Receipt=9701247, Permit=0248922--</a> PAYNE EVELYN	NWSE 3 33 N-8W	160	40	140	GW
<a href="#">Receipt=1504741, Permit=0069467-F-</a> SAMSON RESOURCES COMPANY	SESE 3 33 N-8W	0	0	0	GW
<a href="#">Receipt=0385318, Permit=0186329--</a> DODD HARRY	SESE 3 33 N-8W	0	0	0	GW
<a href="#">Receipt=9701754, Permit=0258628--</a> WILEY LARRY L AND EVETTE	SESE 3 33 N-8W	200	0	0	GW
<a href="#">Receipt=0277937, Permit=0148648--</a> STAVROWSKY JEANNE	SWSE 3 33 N-8W	135	40	135	GW
<a href="#">Receipt=0245522A, Permit=0142914--</a> MARTINEZ JOE I	NESW 3 33 N-8W	90	0	0	GW
<a href="#">Receipt=0245522B, Permit=0142914--A</a> MARTINEZ JOE I	NESW 3 33 N-8W	125	60	125	GW

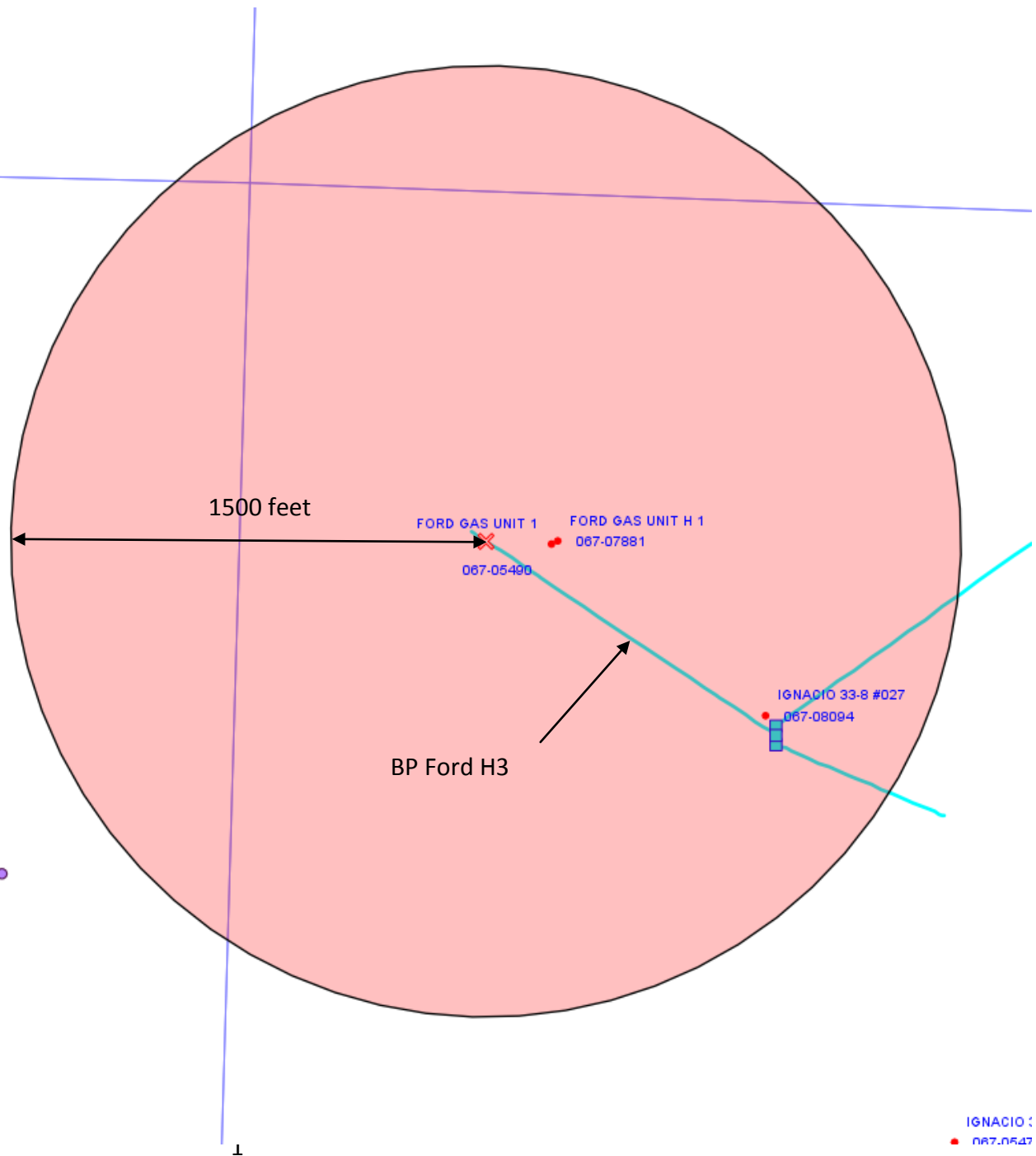
<a href="#">Receipt=0250074A, Permit=0138078--</a> BROADHEAD MARY	NESW 3 33 N-8W	20	0	0	GW
<a href="#">Receipt=0250074B, Permit=0138078--A</a> PAPPAS ALEX L	NESW 3 33 N-8W	127	40	117	GW
<a href="#">Receipt=0386365A, Permit=0187039--</a> GRAY CAROLINE J	NWSW 3 33 N-8W	204	40	204	GW
<a href="#">Receipt=0386365B, Permit=0187040--</a> ROWTON LOREN	NWSW 3 33 N-8W	0	0	0	GW
<a href="#">Receipt=0340114, Permit=0164986--</a> WAGNER MILTON & JUDY	NWSW 3 33 N-8W	0	0	0	GW
<a href="#">Receipt=9701257, Permit=0249465--</a> JOHNSTON GAIL	NWSW 3 33 N-8W	0	0	0	GW
<a href="#">Receipt=9123238, Permit=0077257--</a> BURCH HARVEY H. & MARGARET ANN	NWSW 3 33 N-8W	25	0	0	GW
<a href="#">Receipt=9702411, Permit=0272429--</a> JOHNSTON GAIL	NWSW 3 33 N-8W	240	100	220	GW
<a href="#">Receipt=1504742, Permit=0069468-F-</a> SAMSON RESOURCES COMPANY	SESW 3 33 N-8W	0	0	0	GW
<a href="#">Receipt=1504744, Permit=0069470-F-</a> SAMSON RESOURCES COMPANY	SESW 3 33 N-8W	0	0	0	GW
<a href="#">Receipt=9700479, Permit=0233446--</a> GERVAIS EDWARD A III & ERIN K	SWSW 3 33 N-8W	180	80	180	GW
<a href="#">Receipt=0353061, Permit=0170215--</a> BENTLEY DUANE & DIANE	SWSW 3 33 N-8W	0	0	0	GW
<a href="#">Receipt=0318911, Permit=0158695--</a> BARNETT ROBERT	SWSW 3 33 N-8W	200	65	200	GW
<a href="#">Receipt=0243454, Permit=0134628--</a> TRACY ROBERT J & RUTH E	SWSW 3 33 N-8W	250	0	0	GW
<a href="#">Receipt=0268002, Permit=0145278--</a> BARNETT ROBERT	SWSW 3 33 N-8W	0	0	0	GW
<a href="#">Receipt=0260735, Permit=0142228--</a> SUNDQUIST R E	SWSW 3 33 N-8W	180	80	180	GW
<a href="#">Receipt=0233443, Permit=0129222--</a> SHIMP E. J.	SENE 4 33 N-8W	135	25	135	GW
<a href="#">Receipt=0287776, Permit=0151236--</a> EMBREE HAROLD	SENE 4 33 N-8W	198	40	198	GW
<a href="#">Receipt=0397527, Permit=0192901--</a> HONOLD BRIAN & TAMARA	NESE 4 33 N-8W	0	0	0	GW
<a href="#">Receipt=0397528, Permit=0192902--</a> HONOLD BRIAN & TAMARA	NESE 4 33 N-8W	15	0	0	GW
<a href="#">Receipt=0109703, Permit=0109803--</a> LOOMAN THOMAS	NESE 4 33 N-8W	0	0	0	GW
<a href="#">Receipt=0093004, Permit=0099508--</a> MANFREDI DAVID J	NESE 4 33 N-8W	35	0	0	GW

<a href="#">Receipt=1505194, Permit=0075273-F-</a> BP AMERICA PRODUCTION COMPANY	NESE 4 33 N-8W	0	0	0	GW
<a href="#">Receipt=1505196, Permit=0075275-F-</a> BP AMERICA PRODUCTION COMPANY	NESE 4 33 N-8W	0	0	0	GW
<a href="#">Receipt=9701735, Permit=0096600--A</a> KLUMPH JOHN & MELISSA	NWSE 4 33 N-8W	240	60	220	GW
<a href="#">Receipt=0089758, Permit=0096600--</a> WIESER ROSS	NWSE 4 33 N-8W	184	0	184	GW
<a href="#">Receipt=0110226, Permit=0110014--</a> DENNIS L MOULD	NWSE 4 33 N-8W	0	0	0	GW
<a href="#">Receipt=9702425, Permit=0272634--</a> KLUMPH JOHN F	NWSE 4 33 N-8W	184	0	184	GW
<a href="#">Receipt=0290900, Permit=0152158--</a> WISNER BARRY	SWSE 4 33 N-8W	0	0	0	GW
<a href="#">Receipt=C340054, Permit=0000054-WCB-</a> HERMAN CLAUDE	9 33 N-8W	160	0	0	GW
<a href="#">Receipt=0204367, Permit=0114415--</a> SMITH B	NENE 9 33 N-8W	260	50	260	GW
<a href="#">Receipt=0238408, Permit=0112875--A</a> ARCHER R	NENE 9 33 N-8W	200	100	200	GW
<a href="#">Receipt=0359799, Permit=0173806--</a> NICHOLS ADAMS BETTIE	NENE 9 33 N-8W	120	30	120	GW
<a href="#">Receipt=0416988, Permit=0202727--</a> OBRIEN PATRICK/TRISH HAHNSWALD	NWNE 9 33 N-8W	195	20	195	GW
<a href="#">Receipt=1504755, Permit=0069481-F-</a> SAMSON RESOURCES COMPANY	NWNE 9 33 N-8W	0	0	0	GW
<a href="#">Receipt=1504756, Permit=0069482-F-</a> SAMSON RESOURCES COMPANY	NWNE 9 33 N-8W	0	0	0	GW
<a href="#">Receipt=0234937, Permit=0130025--</a> MOELLER FREDERICK A.	NWNE 9 33 N-8W	0	0	0	GW
<a href="#">Receipt=0266967, Permit=0144851--</a> MOELLER FREDERICK A.	NWNE 9 33 N-8W	0	0	0	GW
<a href="#">Receipt=9700095, Permit=0226211--</a> ARCHER RON	SENE 9 33 N-8W	0	0	0	GW
<a href="#">Receipt=0263321, Permit=0143525--</a> LOVECCHIO LAWRENCE	SWNE 9 33 N-8W	116	20	110	GW
<a href="#">Receipt=9701055, Permit=0244475--</a> MCCAW JERRY L	NENW 9 33 N-8W	260	80	140	GW
<a href="#">Receipt=0100615, Permit=0103800--</a> YOST CHARLES & MARLENE	NESE 9 33 N-8W	0	0	0	GW
<a href="#">Receipt=0277931, Permit=0148902--</a> POLE ED	NWSE 9 33 N-8W	163	40	163	GW
<a href="#">Receipt=0358213, Permit=0173240--</a> MCKNIGHT RAY & JILL	SESE 9 33 N-8W	0	0	0	GW

<a href="#">Receipt=9701096, Permit=0248505--</a> GOODMAN ROBERT	SESE 9 33 N-8W	0	0	0	GW
<a href="#">Receipt=1504757, Permit=0069483-F-</a> SAMSON RESOURCES COMPANY	SESE 9 33 N-8W	0	0	0	GW
<a href="#">Receipt=1504758, Permit=0069484-F-</a> SAMSON RESOURCES COMPANY	SESE 9 33 N-8W	0	0	0	GW
<a href="#">Receipt=1505179, Permit=0075267-F-</a> BP AMERICA PRODUCTION COMPANY	NENE 10 33 N-8W	0	0	0	GW
<a href="#">Receipt=0902894, Permit=0034680--</a> REOL DEVELOPMENT CORPORATION	NWNE 10 33 N-8W	0	0	0	GW
<a href="#">Receipt=9122644, Permit=0046826--</a> WORFORD MARIAN	SENE 10 33 N-8W	18	0	0	GW
<a href="#">Receipt=1505178, Permit=0075266-F-</a> BP AMERICA PRODUCTION COMPANY	NENW 10 33 N-8W	0	0	0	GW
<a href="#">Receipt=9701898, Permit=0262897--</a> SCHUETZ RUSS AND KATHY	NENW 10 33 N-8W	300	60	280	GW
<a href="#">Receipt=0369431, Permit=0179103--</a> DAVIS RONALD V & DEBORAH S	NWNW 10 33 N-8W	160	60	160	GW
<a href="#">Receipt=0399891, Permit=0193943--</a> ABOOD PHILIP & DENA	SWNW 10 33 N-8W	0	0	0	GW
<a href="#">Receipt=0312886, Permit=0157096--</a> SMITH LAWRENCE C	SWNW 10 33 N-8W	0	0	0	CON
<a href="#">Receipt=0240899, Permit=0133745--</a> SMITH L C	SWNW 10 33 N-8W	0	0	0	GW
<a href="#">Receipt=1504909, Permit=0069636-F-</a> SAMSON RESOURCES COMPANY	NESE 10 33 N-8W	0	0	0	GW
<a href="#">Receipt=1504907, Permit=0069634-F-</a> SAMSON RESOURCES COMPANY	NESE 10 33 N-8W	0	0	0	GW
<a href="#">Receipt=1504908, Permit=0069635-F-</a> SAMSON RESOURCES COMPANY	NESW 10 33 N-8W	0	0	0	GW
<a href="#">Receipt=1504906, Permit=0069633-F-</a> SAMSON RESOURCES COMPANY	NESW 10 33 N-8W	0	0	0	GW
<a href="#">Receipt=9700511, Permit=0234461--</a> CHERRY ROBERT AND DIXIE	NESW 10 33 N-8W	220	60	220	GW
<a href="#">Receipt=9701682, Permit=0257039--</a> COSLETT J D	NWSW 10 33 N-8W	320	160	320	GW
<a href="#">Receipt=0416993, Permit=0202719--</a> DONOHUE DALE E	SWSW 10 33 N-8W	140	60	140	GW
<a href="#">Receipt=0023093, Permit=0023093-MH-</a> FECHTER LYNN	SWSW 10 33 N-8W	0	0	0	GW
<a href="#">Receipt=1500205, Permit=0069371-F-</a> ELM RIDGE EXPLORATION CO., LLC	SWNW 11 33 N-8W	0	0	0	GW

## Layers

- ☒  Buffer 1
- ☒  Points
- ☒  DEM\_10m
- ☒  O&G Facilities
  - ☒  Wells
    - ☒ Well Name
    - ☒ Well API #
  - ☒  Misc Facilities
  - ☒  Pits
    - ☒ Active
    - ☒ Closed
    - ☐ Unknown
  - ☐  Permits
  - ☒  Pending Permits
  - ☐  Pending2As (Diamond)
  - ☒  Well Status
    - ☐ Spud Notice
    - ☐ UIC Active
    - ☐ SC Anomalies
    - ☐ Surface Casing
- ☒  COGCC Data
  - ☒  COGCCAlert\_v4
  - ☒  COGCCAlert
  - ☒  COGCCOnsite
  - ☐  Samples
  - ☐  Remediation
- ☒  O&G Locations
  - ☒  Directionals
  - ☒  COGCC Rules
  - ☒  O&G Fields
  - ☒  Field Insp Unit
  - ☒  SeismicPermits
- ☒  Historic Wells
- ☒  Roads & RRs
- ☒  Water Resources
- ☒  Floodplains
- ☒  Environmental\_Sites
- ☒  SecTwpRng
- ☒  LGDS
- ☒  Wildlife CPW



## Selected Items Report

### Oil and Gas Wells Selected

Filter Results by Formation

Include ▼

DKTA  
 FRLD  
 MNCS

▲▼

Filter

WELL DESCRIPTION	LOCATION ID	LOCATION	WELL INFORMATION
<u>05-067-05490, FORD GAS UNIT 1</u> <b>PAN AMERICAN PETROLEUM CORP</b>	<u>385849</u>	<b>NWNW 10 33N -8W (N)</b>	<b>Sidetrack TD Formation Status</b> <b>00      2895 FRLD      AB</b>
<u>05-067-07881, FORD GAS UNIT H 1</u> AMOCO PRODUCTION CO.	<u>385849</u>	NWNW 10 33N -8W (N)	<b>Sidetrack TD Formation Status</b> AL
<u>05-067-08094, IGNACIO 33-8 #027</u> <b>WPX ENERGY PRODUCTION LLC</b>	<u>326435</u>	<b>SEnw 10 33N -8W (N)</b>	<b>Sidetrack TD Formation Status</b> <b>00      7941 DKTA      PR</b> <b>00      7941 MNCS      PR</b> <b>00      7941 MVRD      PR</b>

**Well Name:** Ford Gas Unit 1 (API 05-067-05490)

**Location:** NWNW Sec 10, T33N, R08W

**Drilled By:** Stanolind Oil and Gas Company

**Operator Name:** Pan American Petroleum Corp

**Date Plugged:** April 14, 1960

The subject well was completed in January 1953 in the Fruitland formation with a TD of 2895'. The well was shot from 2645' to 2850'. The well was completed with the equipment summarized in the table below. Note that only the number of sacks used to cement the casing was reflected in the records. As a result, TOC for the surface and intermediate strings was calculated assuming a hole size consistent with each casing string, Class G neat cement with a yield of 1.15 cu. ft./sk, and a gauge hole.

Casing String	Hole Size (in)	Casing Type	Top (ft)	Bottom (ft)	TOC (ft)	TOC Depth Method	Install Date	Removal Date
Surface	12-1/4"*	10 3/4" 40.5 ppf	0	739'	Surf	Calc. (400 sx)	1953	-
Production	9-5/8"*	7" 20 ppf	0	2605'	793'	Calc. (375 sx)	1953	-
Liner	6-1/8"*	5 1/2"	?	?	Uncemented	N/A	1953	April 1960
Tubing	?	2" 4.7 ppf	0	2887'	-	-	1953	April 1960
Open-hole	?		2887'	2895'	-	-	1953	

\* hole size assumed based on casing size

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It appears that the well was not capable of commercial production and it was eventually plugged and abandoned in April 1960. The 2" tubing and 5-1/2" liner were pulled and a 115 sack cement plug was set to fill the open-hole section to 50' above the 7" casing shoe (2895' to 2555') and the hole was filled with fluid. A 5 sack surface plug was set from 40' to surface and a P&A marker was installed.

A visual inspection of the Pan American Petroleum Corp. 1 Ford GU PA location was conducted by BP personnel on September 11, 2015. The location was properly marked with a steel pipe (Photo 1). The PA Is located in a reclaimed well pad with abundant native vegetation. There is significant residential debris in the vicinity of the PA marker

Page 1 of 3

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(Photo 2). There were no bare spots or signs of stressed vegetation anywhere near the PA marker (Photo 3). There is what appears to be older soil vapor tubes near the PA marker from some prior testing. The area around the pipe was saturated with water to test for bubbles, but no bubbles were observed.

Based on our review of available records and the assumptions stated above, it appears the subject well has been abandoned in a manner which provides sufficient isolation of the Fruitland formation (Top at 2630').

**Surface Location Data for API # 05-067-08094**
**Status: PR**
**1/10/2012**
[Well Name/No:](#)
[IGNACIO 33-8 ##027](#)

(click well name for production)

[Operator:](#)

WPX ENERGY PRODUCTION LLC - 96705

Status Date:

1/10/2012

Federal or State Lease #:

5892

County:

LA PLATA #067

Location:

SENW 10 33N 8W N PM

Field:

IGNACIO BLANCO - #38300

Elevation:

6,526 ft.

Planned Location 1650 FNL 1700 FWL

[Lat/Long:](#) 37.12136/-107.70805

Lat/Long Source: Field Measured

As Drilled Location Footages Not Available

[Lat/Long:](#) 37.12136/-107.70805

Lat/Long Source: Field Measured



Job Date: 10/3/2011

Reported: Prior to rule 205A.b.(2)(A)

Job End Date: 10/3/2011

[Chemical Disclosure Registry](#)

Job Date: 10/25/2011

Reported: Prior to rule 205A.b.(2)(A)

Job End Date: 10/25/2011

**Wellbore Data for Sidetrack #00**
**Status: PR**
**1/10/2012**

Spud Date:

7/8/1997

Spud Date is:

ACTUAL

**Wellbore Permit**

Permit #:

7941

Expiration Date:

8/24/2013 10:22:14 PM

Prop Depth/Form:

7941

Surface Mineral Owner Same:

N

Mineral Owner:

FEE

Surface Owner:

FEE

Unit:

Unit Number:

Formation and Spacing:

Code: DKTA , Formation: DAKOTA , Order: 112-46 , Unit Acreage: 640, Drill Unit: ALL

Formation and Spacing:

Code: MNCS , Formation: MANCOS , Order: , Unit Acreage: , Drill Unit:

Formation and Spacing:

Code: MVRD , Formation: MESAVERDE , Order: 112-46 , Unit Acreage: 320, Drill Unit: N2

Casing:

String Type: SURF , Hole Size: 14.75, Size: 10.75, Top: 0, Depth: 329, Weight: 40.5

Cement:

Sacks: 285, Top: 0, Bottom: 329, Method Grade:

Casing:

String Type: 1ST , Hole Size: 9.875, Size: 7.625, Top: 0, Depth: 3400, Weight: 26.4

Cement:

Sacks: 750, Top: 0, Bottom: 2970, Method Grade:

Casing:

String Type: 2ND , Hole Size: 6.75, Size: 5.5, Top: 0, Depth: 7794, Weight: 17

Cement:

Sacks: 460, Top: 4330, Bottom: 7794, Method Grade:

Casing:

String Type: 1ST LINER , Hole Size: 4.75, Size: 3.5, Top: 0, Depth: 7941, Weight: 9.2

Cement:

Sacks: , Top: , Bottom: , Method Grade:

**Wellbore Completed**

Completion Date:

9/22/1997

Measured TD:

7941

Measured PB depth:

7936

True Vertical TD:

True Vertical PB depth:

Log Types:

IEL/GR,CDL,CNL/TEMP

Casing:

String Type: SURF , Hole Size: 14.75, Size: 10.75, Top: 0, Depth: 329, Weight: 40.5

Cement:

Sacks: 285, Top: 0, Bottom: 329, Method Grade:

Casing:

String Type: 1ST , Hole Size: 9.875, Size: 7.625, Top: 0, Depth: 3400, Weight: 26.4

Cement:

Sacks: 750, Top: 0, Bottom: 3400, Method Grade: CALC

Casing:

String Type: 2ND , Hole Size: 6.75, Size: 5.5, Top: 0, Depth: 7794, Weight: 17

Cement:

Sacks: 460, Top: 4330, Bottom: 7794, Method Grade: CBL

Casing:

String Type: 1ST LINER , Hole Size: 4.75, Size: 3.5, Top: 7686, Depth: 7941, Weight: 9.2

Cement:

Sacks: 75, Top: 7686, Bottom: 7941, Method Grade:

**Formation**
**Log Top**
**Log Bottom**
**Cored**

MESAVERDE

5261

SANASTEE

7418



02521102

## BLM BRADENHEAD TEST REPORT FORM

Lease #: 01221ND FEE Well Name: IGNACIO 33-8 # 027 COMG API# 03-045  
 MOO-C 96705 005-067-  
 14-20-151- Operator WILLIAMS PRODUCTION Date: 6/1/10 FM ( ) FM ( ) 005-083-08094  
 COC-  
 Other ID# QQ: F Sec 10 Twp 33N (N) Range 8W (W) Minerals: (circle) Federal-State Fee  
 CA#:

Well Status: On-Line (Flowing) Pumping/Plunger lift/Clock/Intermittent Shut-in (GSI/TA), P&A Type Gas SWD Injection POW  
 Number of Casings if known: (circle) Two Two with liner Three Three with liner

STEP 1: CLOSE all BLM approved-to-vent surface & intermediate VALVES 10-14 days prior to test. Valves on BLM wells shall normally be closed unless specific BLM authorization has been approved to vent casing to atmosphere as a remediation procedure.

## BRADENHEAD TEST RECORDING

STEP 2: CERTIFY that all buried valves are in OPEN position:

If Buried Bradenhead viv, Confirmed Open? ON

If Buried Intermediate viv, Confirmed Open? ON

Expose piping for all BLM witnessed tests and if necessary to determine that a buried valve is "open".

STEP 3: USING calibrated mechanical/digital Gauge (accurate to 2#), MEASURE Initial Tubing & Casing Pressures & Record in chart. Note too small to measure as TSTM.

STEP 4: If initial Surface casing is >25# (>5# within sensitive areas), SAMPLE gas using 10 individual cylinder purges & record cylinder # \_\_\_\_\_

STEP 5: Open & flow Bhd viv. while monitoring flow. Record other casing pressures within 1<sup>st</sup> 5 min, then @ 5, 10, 15, 20, 25, 30min. Record Surface Csg. flow characteristic. (See "required time to monitor") IF < 5 min. to blow down show in "elapsed time" column of Chart; Note the time to "whisper" & time to "no flow" if different.

Elapsed time	Tubing Pressure	Tubing Flow	Prod. Casing	Intermed. Casing	Surface Casing
Initial Pressure	50	#	50	50	# 1 Pressure
Min:Sec	50	#	50	50	Flow Char. 0
05:00	50		50	50	Flow Char. NF
10:00					Flow Char.
15:00					Flow Char.
20:00					Flow Char.
25:00					Flow Char.
30:00					Flow Char.
				Instantaneous Ending Pressure	2

BHD to "w" in \_\_\_ min \_\_\_ sec & to "NF" in \_\_\_ min \_\_\_ sec. INT to "w" in 5 min \_\_\_ sec & to "NF" in 6 min \_\_\_ sec

STEP 6: Next: Leave Bradenhead open & repeat procedure with Intermediate casing. Record pressure/flow in Interm. Test Chart

Record flow characteristic by letter: NF=no flow; D=gas diminished to no flow; G=continuous gas; W= whisper; V=vapor; S=surge; VAC=vacuum H=water; M=mud.

Water/mud character: (circle) clear, fresh, salty, sulfur, black (Bhd. sample required to be submitted with analysis to BLM)

STEP 7: CLOSE ALL VALVES unless approved to vent.

## REMARKS:

Note size of valve: BHD: 1" needle valve, 1/2" x 1/2" 2"

INTERMEDIATE: 1" needle valve, 1/2" x 1/2" 2"

Clarifying remarks: Closed valves after test

Tested by: Chris L... (signature) Chris L...

Phone: 534 6670

DATE: 6/1/10

Witnessed by: \_\_\_\_\_ BLM/CODING

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## INTERMEDIATE TEST RECORDING

Elapsed Time	Tubing Fm	Tubing Fm	Prod. Casing	Intermed. Casing
Initial Pressure	50	#	50	50
Min:Sec	53	#	53	53
05:00	53		53	53
10:00	53		53	53
15:00	53		53	53
20:00	53		53	53
25:00	54		54	54
30:00				
				Ending Pressure



## BLM BRADENHEAD TEST REPORT FORM

Lease #: 022IND PEE Well Name: IGNACIO 33-8 # 027 COMG API# 05-067-  
 0MOO-C Operator: WILLIAMS PRODUCTION Date: 5-13-09 FM ( ) FM ( ) FM ( )  
 014-20-151- Other ID# QQ: F Sec 10 Twp 33N (N) Range 8W (W) Minerals: (circle) Federal-State-Esp  
 0COC- CA#:

Well Status: On-Line (Flowing/Pumping/Plunger lift/Clock/Intermittent, Shut-in (GSI/TA), P&A Type: Gas SWD Injection POW  
 Number of Casings if known: (circle) Two Two with liner Three Three with liner

STEP 1: CLOSE all BLM approved-to-vent surface & intermediate VALVES 10-14 days prior to test. Valves on BLM wells shall normally be closed unless specific BLM authorization has been approved to vent casing to atmosphere as a remediation procedure.

## BRADENHEAD TEST RECORDING

STEP 2: CERTIFY that all buried valves are in OPEN position:

If Buried Bradenhead vlv. Confirmed Open? Y/N  
 If Buried Intermediate vlv. Confirmed Open? Y/N  
 Expose piping for all BLM witnessed tests and if necessary to determine that a buried valve is "open".

STEP 3: USING calibrated mechanical/digital Gauge (accurate to 2#), MEASURE initial Tubing & Casing Pressures & Record in chart. Note too small to measure as TSTM.

STEP 4: If initial Surface casing is >25# (>5# within sensitive areas), SAMPLE gas using 10 individual cylinder purges & record cylinder #.

STEP 5: Open & flow Bhd vlv. while monitoring flow. Record other casing pressures within 1<sup>st</sup> 5 min, then @ 5, 10, 15, 20, 25, 30min. Record Surface Csg. flow characteristic. (See "required time to monitor") IF < 5 min. to blow down show in "elapsed time" column of Chart; Note the time to "whisper" & time to "no flow" if different.

Elapsed time	Tubing Fm	Tubing Fm	Prod. Casing	Intermed. Casing	Surface Casing
Initial Pressure	#42	#	#41	#500	#0 Pressure
15:00 Min:Sec	#42	#	#41	#500	Flow Char. <u>NF</u>
05:00	42		41	500	Flow Char. <u>NF</u>
10:00					Flow Char.
15:00					Flow Char.
20:00					Flow Char.
25:00					Flow Char.
30:00					Flow Char.
				Instantaneous Ending Pressure	<u>0</u>

BHD to "w" in \_\_\_ min \_\_\_ sec & to "NF" in \_\_\_ min \_\_\_ sec. INT to "w" in \_\_\_ min \_\_\_ sec & to "NF" in \_\_\_ min \_\_\_ sec

STEP 6: Next: Leave Bradenhead open & repeat procedure with intermediate casing. Record pressure/flow in Interm. Test Chart

Record flow characteristic by letter: NF=no flow, D=gas diminished to no flow, G=continuous gas, W=whisper, V=vapor, S=surge, VAC=vacuum H=water, M=mud.

Water/mud character: (circle) clear, fresh, salty, sulfur, black (Bhd. sample required to be submitted with analysis to BLM)

STEP 7: CLOSE ALL VALVES unless approved to vent.

## REMARKS:

Note size of valve: BHD: 1" needle valve, 1/4" 1/2", 2"  
 INTERMEDIATE: 1" needle valve, 1/4" 1/2", 2"

Clarifying remarks: Left valves closed

Tested by: Mitchell Smith (point name) Mitchell Smith (signature)

Phone: 805 947 4976 DATE: 5-13-09

Witnessed by: \_\_\_\_\_ BLM/COGCC

## INTERMEDIATE TEST RECORDING

Elapsed Time	Tubing Fm	Tubing Fm	Prod. Casing	Intermed. Casing
Initial Pressure	#42	#	#41	#500
15:00 Min:Sec	#40	#	#40	Flow Char. <u>D</u>
05:00	40		40	Flow Char. <u>NF</u>
10:00	41		40	Flow Char. <u>NF</u>
15:00	42		41	Flow Char. <u>NF</u>
20:00	42		42	Flow Char. <u>NF</u>
25:00				Flow Char.
30:00				Flow Char.
				Ending Pressure <u>0</u>

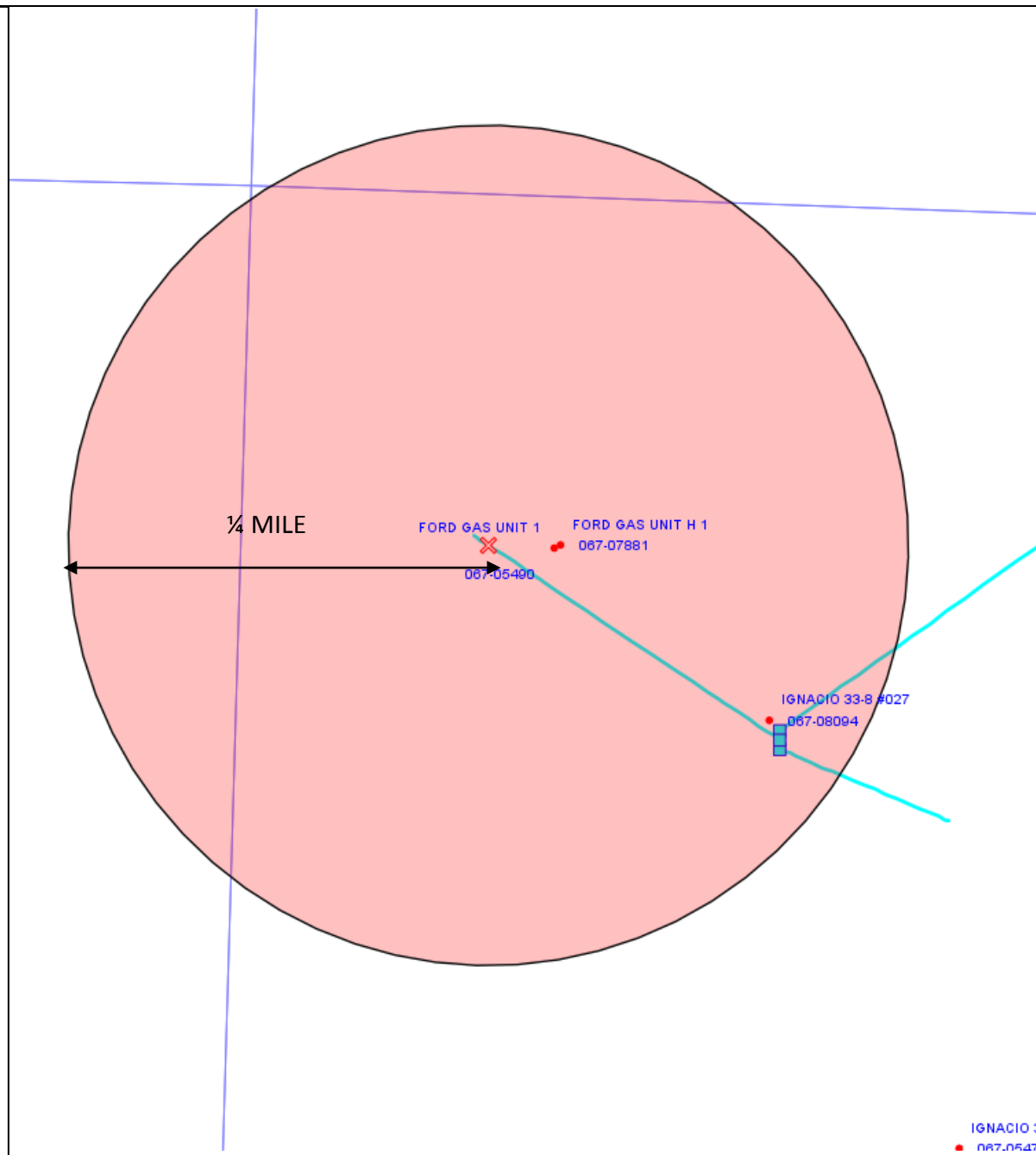
U:\dowson\Mac\BHD\BLM Bradenhead Test Report Form.doc 2/11/2009

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## Layers

- ☒ ☒ Buffer 1
- ☒ ☒ Points
- ☒ ☒ DEM\_10m
- ☒ ☒ O&G Facilities
  - ☒ ☒ Wells
  - ☒ ☒ Well Name
  - ☒ ☒ Well API #
- ☒ ☒ Misc Facilities
- ☒ ☒ Pits
  - ☒ ☒ Active
  - ☒ ☒ Closed
  - ☒ ☒ Unknown
- ☒ ☒ Permits
- ☒ ☒ Pending Permits
- ☒ ☒ Pending2As (Diamond)
- ☒ ☒ Well Status
  - ☒ ☒ Spud Notice
  - ☒ ☒ UIC Active
  - ☒ ☒ SC Anomalies
  - ☒ ☒ Surface Casing
- ☒ ☒ COGCC Data
  - ☒ ☒ COGCCAlert\_v4
  - ☒ ☒ COGCCAlert
  - ☒ ☒ COGCCOnsite
  - ☒ ☒ Samples
  - ☒ ☒ Remediation
- ☒ ☒ O&G Locations
- ☒ ☒ Directionals
- ☒ ☒ COGCC Rules
- ☒ ☒ O&G Fields
- ☒ ☒ Field Insp Unit
- ☒ ☒ SeismicPermits
- ☒ ☒ Historic Wells
- ☒ ☒ Roads & RRs
- ☒ ☒ Water Resources
- ☒ ☒ Floodplains
- ☒ ☒ Environmental\_Sites
- ☒ ☒ SecTwpRng
- ☒ ☒ LGDS
- ☒ ☒ Wildlife CPW
- ☒ ☒ State Lands



# Selected Items Report

## Oil and Gas Wells Selected

<div> <div>Filter Results by Formation</div> <div> <div>Include</div> <div> <div>DKTA</div> <div>FRLD</div> <div>MNCS</div> </div> <div> <div>▲</div> <div>▼</div> </div> <div>Filter</div> </div> </div>			
WELL DESCRIPTION	LOCATION ID	LOCATION	WELL INFORMATION
<div>05-067-05490, FORD GAS UNIT 1</div> <div>PAN AMERICAN PETROLEUM CORP</div>	<a href="#">385849</a>	NWNW 10 33N -8W (N)	<div>Sidetrack TD Formation Status</div> <div>00 2895 FRLD AB</div>
<div>05-067-07881, FORD GAS UNIT H 1</div> <div>AMOCO PRODUCTION CO.</div>	<a href="#">385849</a>	NWNW 10 33N -8W (N)	<div>Sidetrack TD Formation Status</div> <div>AL</div>
<div>05-067-08094, IGNACIO 33-8 #027</div> <div>WPX ENERGY PRODUCTION LLC</div>	<a href="#">326435</a>	SENW 10 33N -8W (N)	<div>Sidetrack TD Formation Status</div> <div>00 7941 DKTA PR</div> <div>00 7941 MNCS PR</div> <div>00 7941 MVRD PR</div>