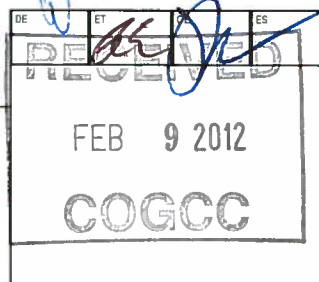


State of Colo
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303)894-2100 Fax: (303)894-2109



02541874



SUNDRY NOTICE

Submit original plus one copy. This form is to be used for general, technical and environmental sundry information. For proposed or completed operations, describe in full on Technical Information Page (Page 2 of this form.) Identify well or other facility by API Number or by OGCC Facility ID. Operator shall send an informational copy of all sundry notices for wells located in High Density Areas to the Local Government Designee (Rule 603b.)

1. OGCC Operator Number: 66571*	4. Contact Name: Joan Proulx*	Complete the Attachment Checklist OP OGCC
2. Name of Operator: OXY USA WTP LP, Attn: Glenda Jones	Phone: 970-263-3641	
3. Address: P.O. Box 27757 City: Houston State: TX Zip: 77227-7757	Fax: 970-263-3694	
5. API Number: 05-045-21281-00*	OGCC Facility ID Number:	Survey Plat: X X
6. Well/Facility Name: Shell*	Well/Facility Number: 697-34-06*	Directional Survey: X X
8. Location (Qtr/Qtr, Sec, Twp, Rng, Meridian): Tract 71 S3 7S 97W 6 PM*		Surface Eqpm Diagram:
9. County: Garfield*	10. Field Name: Grand Valley*	Technical Info Page: X X
11. Federal, Indian or State Lease Number: N/A		Other:

General Notice

☒ **CHANGE OF LOCATION:** Attach New Survey Plat (a change of surface qtr/qtr is substantive and requires a new permit)

Change of Surface Footage from Exterior Section Lines:		FNL/FSL		FEL/FWL
Change of Surface Footage to Exterior Section Lines:				
Change of Bottomhole Footage from Exterior Section Lines:	368*	FNL*	1980*	FEL*
Change of Bottomhole Footage to Exterior Section Lines:	135*	FNL*	1379*	FEL*

Bottomhole location Qtr/Qtr, Sec, Twp, Rng, Mer Lot 2, S34 T6S 97W 6 PM*

Latitude: Distance to nearest property line: Distance to nearest bldg, public rd, utility or RR:

Longitude: Distance to nearest lease line: 1160'*

Ground Elevation: Distance to nearest well same formation: 1010'*

Is location in a High Density Area (rule 603b)? Yes/No NO

Surface owner consultation date: 02/06/12

attach directional survey

GPS DATA:

Date of Measurement: PDOP Reading: Instrument Operator's Name:

☐ CHANGE SPACING UNIT

Formation: Formation Code: Spacing order number: Unit Acreage: Unit configuration:

☐ Remove from surface bond

Signed surface use agreement attached

☐ CHANGE OF OPERATOR (prior to drilling):Effective Date: Plugging Bond: ☐ Blanket ☐ Individual☐ CHANGE WELL NAMEFrom: NUMBER
To:
Effective Date:☐ ABANDONED LOCATION:Was location ever built? ☐ Yes ☐ No
Is site ready for inspection? ☐ Yes ☐ No
Date Ready for Inspection:☐ NOTICE OF CONTINUED SHUT IN STATUSDate well shut in or temporarily abandoned:
Has Production Equipment been removed from site? ☐ Yes ☐ No
MIT required if shut in longer than two years. Date of last MIT:☐ SPUD DATE:☐ REQUEST FOR CONFIDENTIAL STATUS (6 mos from date casing set)☐ SUBSEQUENT REPORT OF STAGE, SQUEEZE OR REMEDIAL CEMENT WORK

*submit cbl and cement job summaries

Method used: Cementing tool setting/perf depth: Cement volume: Cement top: Cement bottom: Date:

☐ RECLAMATION:

Attach technical page describing final reclamation procedures per Rule 1004.

Final reclamation will commence on approximately: ☐ Final reclamation is completed and site is ready for inspection.

Technical Engineering/Environmental Notice

☒ Notice of Intent

Approximate Start Date: 7/15/2012

☐ Report of Work Done

Date Work Completed:

Details of work must be described in full on Technical Information Page (Page 2 must be submitted.)

- | | | |
|---|--|--|
| <input type="checkbox"/> Intent to Recomplete (submit form 2) | <input type="checkbox"/> Request to Vent or Flare | <input type="checkbox"/> E&P Waste Disposal |
| <input type="checkbox"/> Change Drilling Plans | <input type="checkbox"/> Repair Well | <input type="checkbox"/> Beneficial Reuse of E&P Waste |
| <input type="checkbox"/> Gross Interval Changed? | <input type="checkbox"/> Rule 502 variance requested | <input type="checkbox"/> Status Update/Change of Remediation Plans |
| <input checked="" type="checkbox"/> Casing/Cementing Program Change | <input type="checkbox"/> Other: | for Spills and Releases |

I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct and complete.

Signed: Joan Proulx Date: 2/8/2012 Email: joan_proulx@oxy.com
Print Name: Joan Proulx Title: Regulatory AnalystCOGCC Approved: [Signature]Title: NWAE

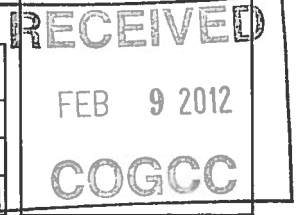
Date: 2/27/12

CONDITIONS OF APPROVAL, IF ANY:

TECHNICAL INFORMATION PAGE



FOR OGCC USE ONLY



1. OGCC Operator Number: 66571 API Number: 05-045-21281-00
2. Name of Operator: OXY USA WTP LP OGCC Facility ID #
3. Well/Facility Name: Shell Well/Facility Number: 697-34-06
4. Location (QtrQtr, Sec, Twp, Rng, Meridian): Tract 71 3 7S 97W 6 PM

This form is to be completed whenever a Sundry Notice is submitted requiring detailed report of work to be performed or completed. This form shall be transmitted within 30 days of work completed as a "subsequent" report and must accompany Form 4, page 1.

5. DESCRIBE PROPOSED OR COMPLETED OPERATIONS

The bottom hole location of the Shell 697-34-06 well will be changed as outlined on Page 1 of the Sundry Notice.

String	Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Sacks Cement	Cement Bottom	Cement Top
Surface	14 3/4	9 5/8	36	1300	614	1300	Surface
Prod	8 3/4	4 1/2	11.6	7986	1866	7986	4426

There will be no change to the objective formation.

Well location, SHELL 697-34-06 (SURFACE LOCATION), located as shown in TRACT 71 of Section 3, T7S, R97W, 6th P.M., Garfield County, Colorado.

BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHWEST CORNER OF SECTION 30, T5S, R95W, 6th P.M. TAKEN FROM THE FORKED GULCH QUADRANGLE, COLORADO, GARFIELD COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5966 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



SCALE

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE CLAIMANT'S REPORT FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION YEAR 1990
STATE OF COLORADO

Revised: 02-02-12 D.R.B.

UTAH
ENGINEERING & LAND
SURVEYING

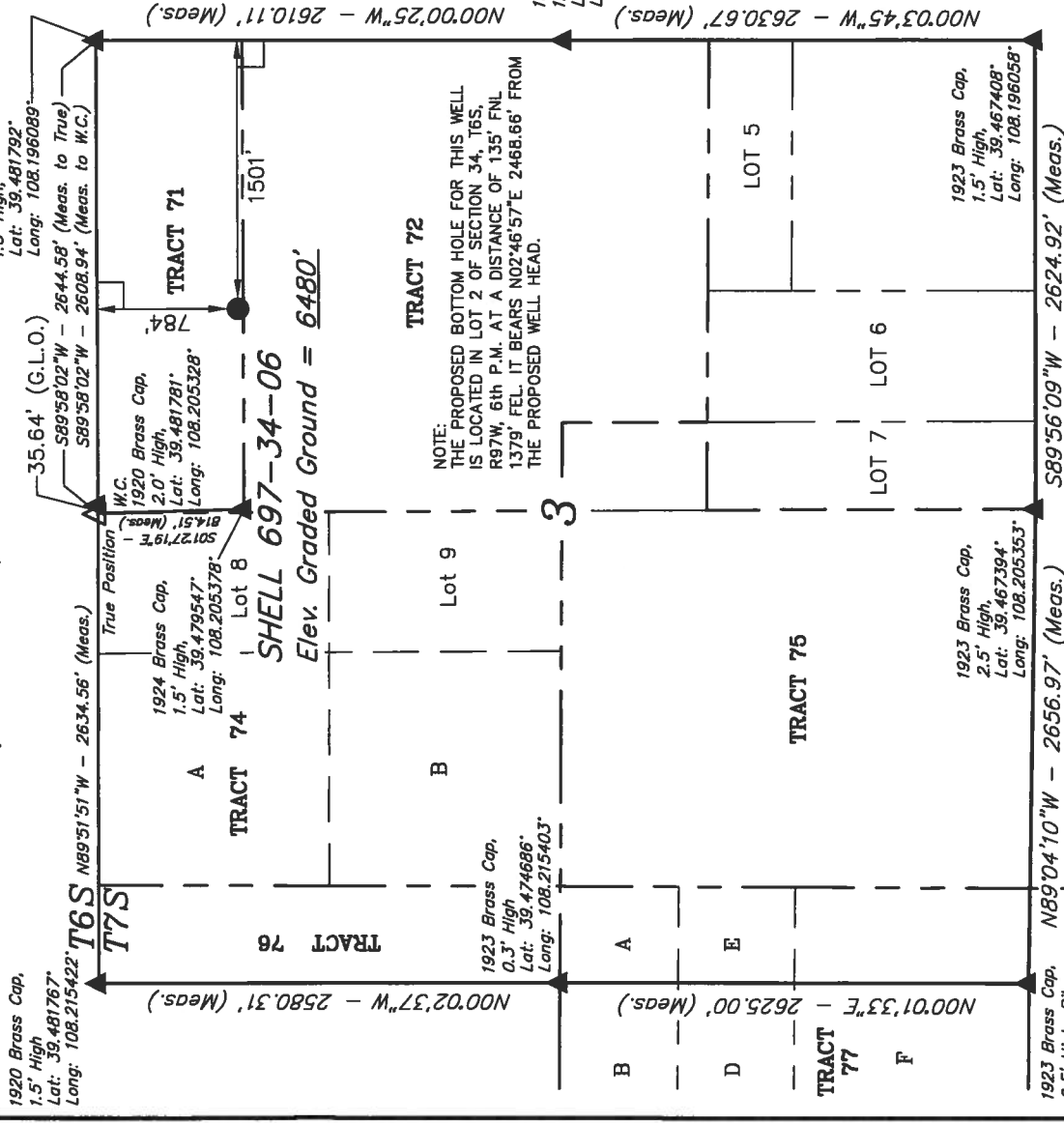
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE	DATE SURVEYED:	DATE DRAWN:
1" = 1000'	08-17-11	10-07-

REFERENCES

WEATHER

OXY USA WTP I P



NOTE:
SEE ADDENDUM TO LEGAL PLAT FOR
EXISTING IMPROVEMENTS WITHIN 400'
OF THE PROPOSED WELL DISTURBANCE.

$\text{PDOP} = 1.7$

NAD 83 (SURFACE LOCATION)

LATITUDE = 39°28'46.60" (39.479611)

LONGITUDE = 108°12'07.34" (108.202039)

NAD 27 (SURFACE LOCATION)	
---------------------------	--

LEGEND:

$\angle = 90^\circ$ SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

Well location, SHELL 697-34-06 (BOTTOM HOLE LOCATION), located as shown in Lot 2 of Section 34, T6S, R97W, 6th P.M., Garfield County, Colorado.

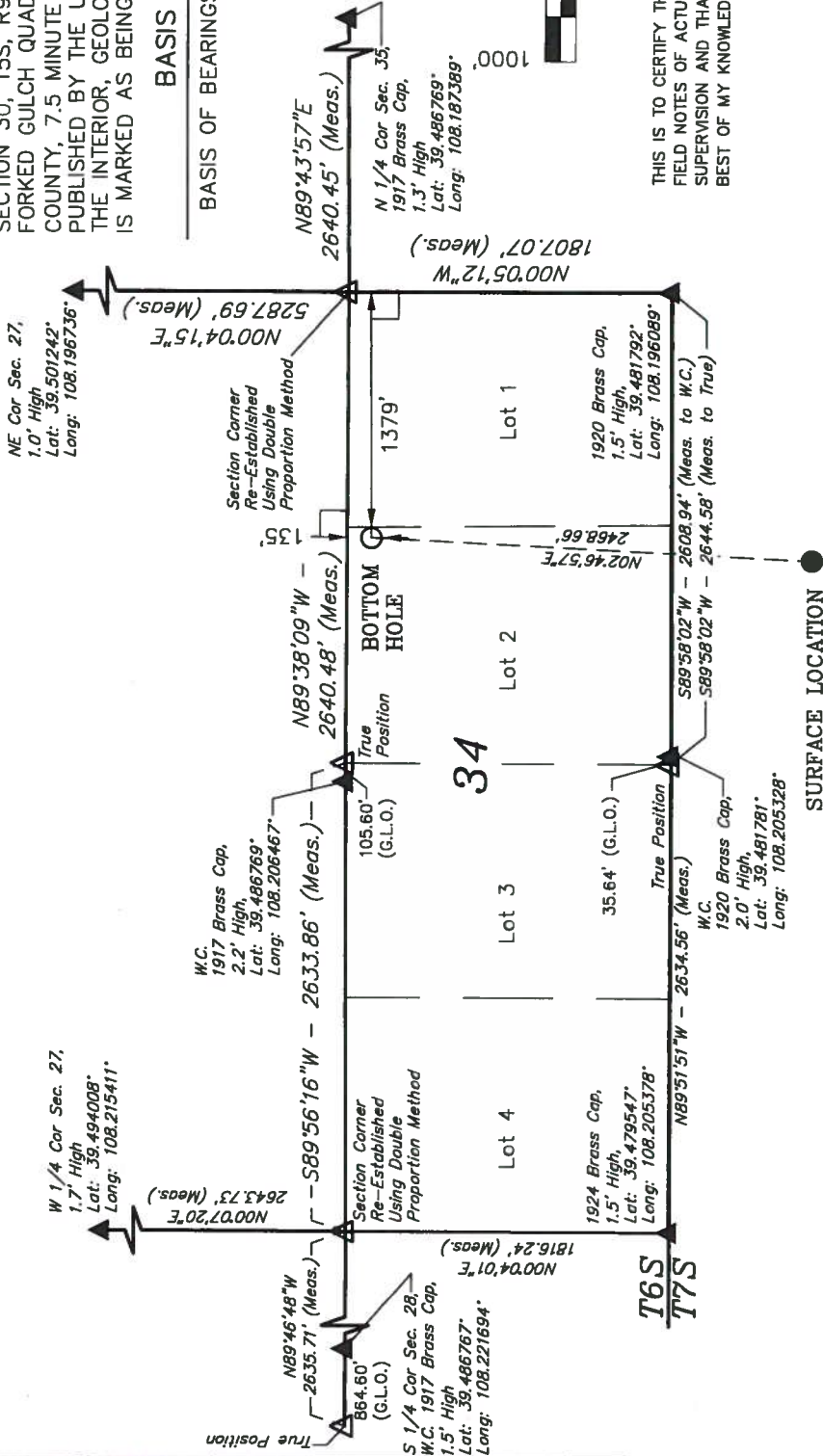
T6S, R97W, 6th P.M.

BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHWEST CORNER OF SECTION 30, T5S, R95W, 6th P.M. TAKEN FROM THE FORKED GULCH QUADRANGLE, COLORADO, GARFIELD COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5966 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



NOTE:
THE PROPOSED WELL HEAD FOR THIS WELL
IS LOCATED IN TRACT 71 OF SECTION 3, T7S,
R97W, 6th P.M. AT A DISTANCE OF 784' FNL
1501' FEL. IT BEARS S02°46'57"W 2488.66' FROM
THE PROPOSED BOTTOM HOLE.

LEGEND:

— = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

NAD 83 (TARGET BOTTOM HOLE)
LATITUDE = 39°29'10.97" (39.486381)
LONGITUDE = 108°12'05.84" (108.201622)
NAD 27 (TARGET BOTTOM HOLE)
LATITUDE = 39°29'11.05" (39.486403)
LONGITUDE = 108°12'03.55" (108.200986)

Revised: 02-02-12 D.R.B.

UNTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 08-17-11	DATE DRAWN: 10-07-11
PARTY B.B. T.M. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE	
		OXY USA WTP LP

FEB 9 2012
COGCC

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PART WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY THE SURVEYOR
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
STATE OF COLORADO
10-17-2011



Scientific Drilling

Company: OXY USA RMAT
Project: Garfield County, CO NAD27
Site: Shell 797-03A Pad

RECEIVED

FEB 9 2012

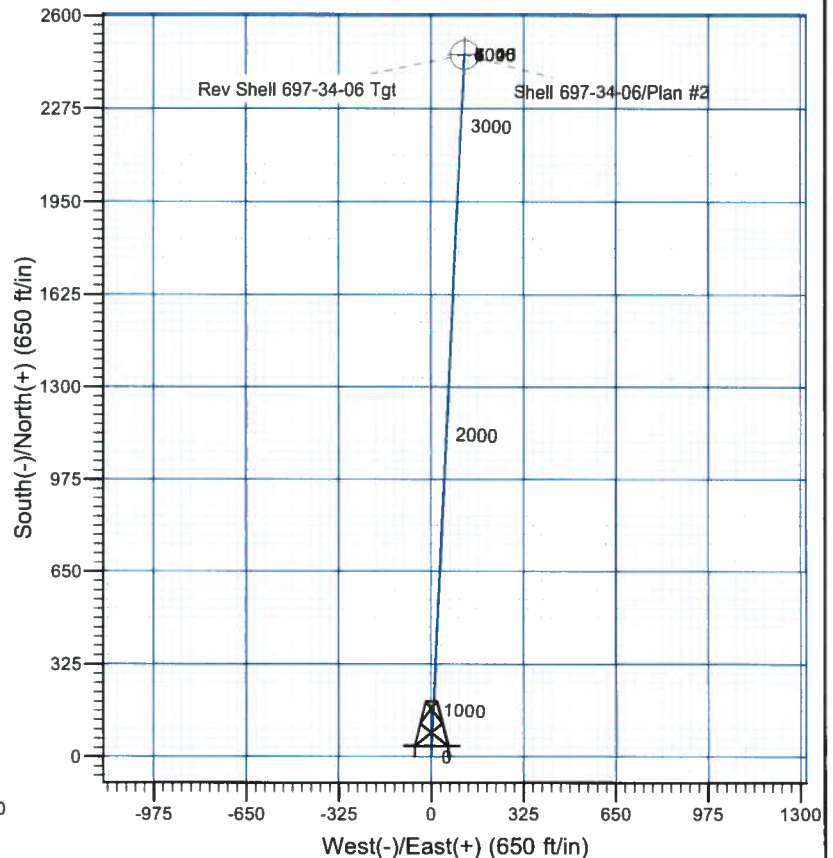
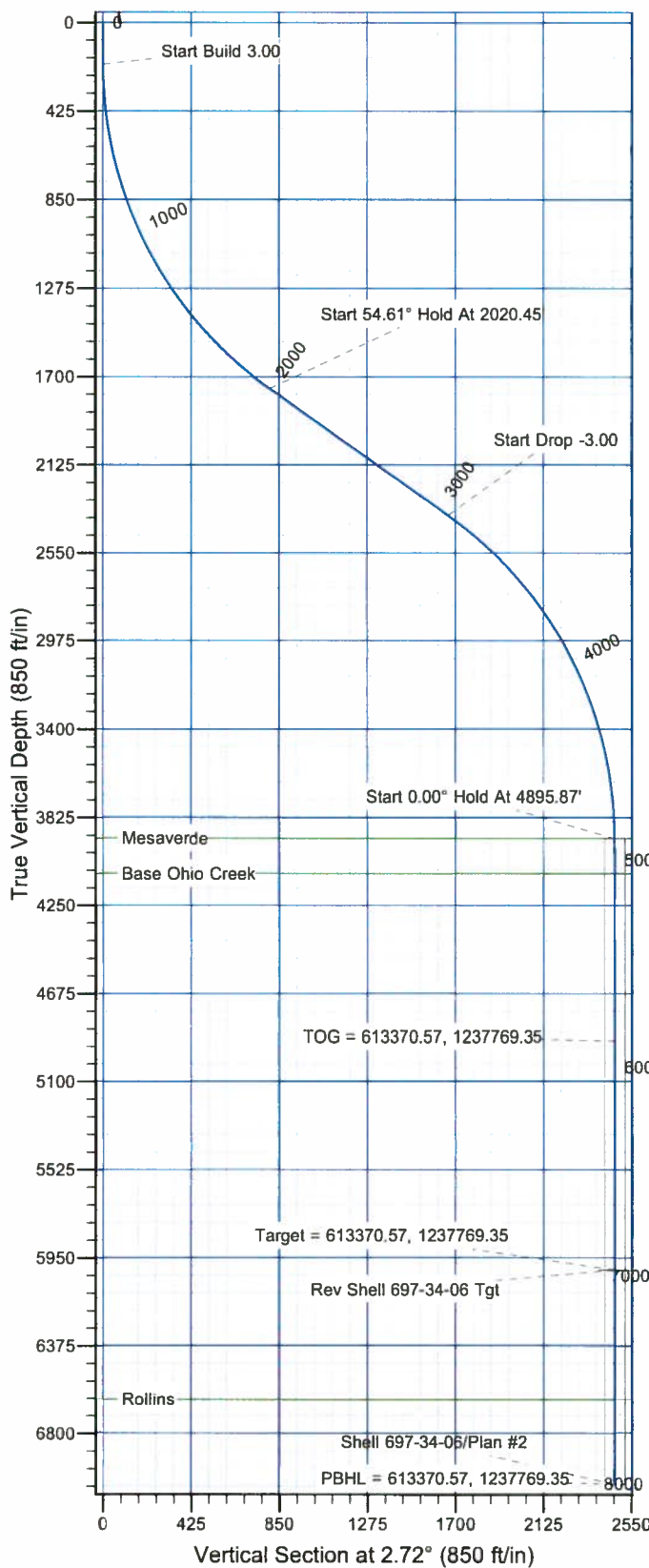
COGCC



Well Details: Shell 697-34-06

TVD Reference: GL 6485' & RKB 30' @ 6515.00ft (H&P) Ground Level: 6485.00
+N/-S +E/-W Northing Easting Latitude Longitude Slot
0.00 0.00 610910.10 1237578.85 39° 28' 46.683 N 108° 12' 5.042 W I

↑ T M Azimuths to True North
Magnetic North: 10.42°
Magnetic Field
Strength: 52192.1nT
Dip Angle: 65.68°
Date: 08/18/2011
Model: IGRF2010



FORMATION TOP DETAILS

TVDPath	MDPath	Formation
3925.00	4895.87	Mesaverde
4095.00	5065.87	Base Ohio Creek
6637.00	7607.87	Rollins

Plan: Plan #2

10:55, January 19 2012
Created By: Rex Hall

PROJECT DETAILS: Garfield County, CO NAD27

Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone: Colorado Central 502

System Datum: Mean Sea Level

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VFace	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	
3	2020.45	54.61	2.72	1757.04	802.97	38.20	3.00	2.72	803.88	
4	3075.42	54.61	2.72	2367.96	1662.08	79.06	0.00	0.00	1663.96	
5	4895.87	0.00	0.00	3925.00	2465.05	117.26	3.00	180.00	2467.84	
6	6978.87	0.00	0.00	6008.00	2465.05	117.26	0.00	0.00	2467.84	Rev Shell 697-34-06 Tgt
7	8015.87	0.00	0.00	7045.00	2465.05	117.26	0.00	0.00	2467.84	



OXY USA RMAT

Garfield County, CO NAD27

Shell 797-03A Pad

Shell 697-34-06 - Slot I

OH

Plan: Plan #2

Standard Planning Report

19 January, 2012

RECEIVED
FEB 9 2012
COGCC
697-34-06 Slot 1
PKB 30 @ 6515 00#74801

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,020.45	54.61	2.72	1,757.04	802.97	38.20	3.00	3.00	0.00	2.72	
3,075.42	54.61	2.72	2,367.96	1,662.08	79.06	0.00	0.00	0.00	0.00	
4,895.87	0.00	0.00	3,925.00	2,465.05	117.26	3.00	-3.00	0.00	180.00	
6,978.87	0.00	0.00	6,008.00	2,465.05	117.26	0.00	0.00	0.00	0.00	Rev Shell 697-34-06 °
8,015.87	0.00	0.00	7,045.00	2,465.05	117.26	0.00	0.00	0.00	0.00	

Scientific Drilling International
Planning Report

Database:	Rockies Compass Server	Local Co-ordinate Reference:	Well Shell 697-34-06 - Slot I
Company:	OXY USA RMAT	TVD Reference:	GL 6485' & RKB 30' @ 6515.00ft (H&P)
Project:	Garfield County, CO NAD27	MD Reference:	GL 6485' & RKB 30' @ 6515.00ft (H&P)
Site:	Shell 797-03A Pad	North Reference:	True
Well:	Shell 697-34-06	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #2		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Build 3.00									
300.00	3.00	2.72	299.95	2.61	0.12	2.62	3.00	3.00	0.00
400.00	6.00	2.72	399.63	10.45	0.50	10.46	3.00	3.00	0.00
500.00	9.00	2.72	498.77	23.49	1.12	23.51	3.00	3.00	0.00
600.00	12.00	2.72	597.08	41.69	1.98	41.74	3.00	3.00	0.00
700.00	15.00	2.72	694.31	65.00	3.09	65.08	3.00	3.00	0.00
800.00	18.00	2.72	790.18	93.37	4.44	93.48	3.00	3.00	0.00
900.00	21.00	2.72	884.43	126.71	6.03	126.85	3.00	3.00	0.00
1,000.00	24.00	2.72	976.81	164.93	7.85	165.12	3.00	3.00	0.00
1,100.00	27.00	2.72	1,067.06	207.93	9.89	208.16	3.00	3.00	0.00
1,200.00	30.00	2.72	1,154.93	255.58	12.16	255.87	3.00	3.00	0.00
1,300.00	33.00	2.72	1,240.18	307.77	14.64	308.12	3.00	3.00	0.00
1,400.00	36.00	2.72	1,322.59	364.34	17.33	364.75	3.00	3.00	0.00
1,500.00	39.00	2.72	1,401.91	425.14	20.22	425.62	3.00	3.00	0.00
1,600.00	42.00	2.72	1,477.95	490.00	23.31	490.56	3.00	3.00	0.00
1,700.00	45.00	2.72	1,550.47	558.75	26.58	559.38	3.00	3.00	0.00
1,800.00	48.00	2.72	1,619.30	631.20	30.03	631.91	3.00	3.00	0.00
1,900.00	51.00	2.72	1,684.24	707.15	33.64	707.95	3.00	3.00	0.00
2,000.00	54.00	2.72	1,745.11	786.38	37.41	787.27	3.00	3.00	0.00
2,020.45	54.61	2.72	1,757.04	802.97	38.20	803.88	3.00	3.00	0.00
Start 54.61° Hold At 2020.45'									
2,100.00	54.61	2.72	1,803.11	867.75	41.28	868.73	0.00	0.00	0.00
2,200.00	54.61	2.72	1,861.02	949.19	45.15	950.26	0.00	0.00	0.00
2,300.00	54.61	2.72	1,918.92	1,030.62	49.03	1,031.79	0.00	0.00	0.00
2,400.00	54.61	2.72	1,976.83	1,112.06	52.90	1,113.31	0.00	0.00	0.00
2,500.00	54.61	2.72	2,034.74	1,193.49	56.77	1,194.84	0.00	0.00	0.00
2,600.00	54.61	2.72	2,092.65	1,274.93	60.65	1,276.37	0.00	0.00	0.00
2,700.00	54.61	2.72	2,150.56	1,356.36	64.52	1,357.89	0.00	0.00	0.00
2,800.00	54.61	2.72	2,208.47	1,437.79	68.39	1,439.42	0.00	0.00	0.00
2,900.00	54.61	2.72	2,266.38	1,519.23	72.27	1,520.95	0.00	0.00	0.00
3,000.00	54.61	2.72	2,324.29	1,600.66	76.14	1,602.47	0.00	0.00	0.00
3,075.42	54.61	2.72	2,367.96	1,662.08	79.06	1,663.96	0.00	0.00	0.00
Start Drop -3.00									
3,100.00	53.88	2.72	2,382.33	1,682.00	80.01	1,683.91	3.00	-3.00	0.00
3,200.00	50.88	2.72	2,443.37	1,761.11	83.77	1,763.10	3.00	-3.00	0.00
3,300.00	47.88	2.72	2,508.47	1,836.91	87.38	1,838.99	3.00	-3.00	0.00
3,400.00	44.88	2.72	2,577.45	1,909.21	90.82	1,911.37	3.00	-3.00	0.00
3,500.00	41.88	2.72	2,650.13	1,977.81	94.08	1,980.04	3.00	-3.00	0.00
3,600.00	38.88	2.72	2,726.30	2,042.51	97.16	2,044.81	3.00	-3.00	0.00
3,700.00	35.88	2.72	2,805.76	2,103.13	100.04	2,105.51	3.00	-3.00	0.00
3,800.00	32.88	2.72	2,888.29	2,159.53	102.73	2,161.97	3.00	-3.00	0.00
3,900.00	29.88	2.72	2,973.65	2,211.53	105.20	2,214.03	3.00	-3.00	0.00
4,000.00	26.88	2.72	3,061.63	2,258.99	107.46	2,261.55	3.00	-3.00	0.00
4,100.00	23.88	2.72	3,151.97	2,301.80	109.49	2,304.40	3.00	-3.00	0.00
4,200.00	20.88	2.72	3,244.43	2,339.82	111.30	2,342.46	3.00	-3.00	0.00
4,300.00	17.88	2.72	3,338.75	2,372.95	112.88	2,375.63	3.00	-3.00	0.00
4,400.00	14.88	2.72	3,434.69	2,401.11	114.22	2,403.83	3.00	-3.00	0.00
4,500.00	11.88	2.72	3,531.96	2,424.22	115.32	2,426.96	3.00	-3.00	0.00
4,600.00	8.88	2.72	3,630.32	2,442.20	116.17	2,444.97	3.00	-3.00	0.00
4,700.00	5.88	2.72	3,729.48	2,455.03	116.78	2,457.80	3.00	-3.00	0.00

Scientific Drilling International
Planning Report

Database:	Rockies Compass Server	Local Co-ordinate Reference:	Well Shell 697-34-06 - Slot I
Company:	OXY USA RMAT	TVD Reference:	GL 6485' & RKB 30' @ 6515.00ft (H&P)
Project:	Garfield County, CO NAD27	MD Reference:	GL 6485' & RKB 30' @ 6515.00ft (H&P)
Site:	Shell 797-03A Pad	North Reference:	True
Well:	Shell 697-34-06	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #2		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,800.00	2.88	2.72	3,829.17	2,462.65	117.15	2,465.43	3.00	-3.00	0.00
4,895.87	0.00	0.00	3,925.00	2,465.05	117.26	2,467.84	3.00	-3.00	0.00
Start 0.00° Hold At 4895.87' - Mesaverde									
4,900.00	0.00	0.00	3,929.13	2,465.05	117.26	2,467.84	0.00	0.00	0.00
5,000.00	0.00	0.00	4,029.13	2,465.05	117.26	2,467.84	0.00	0.00	0.00
5,065.87	0.00	0.00	4,095.00	2,465.05	117.26	2,467.84	0.00	0.00	0.00
Base Ohio Creek									
5,100.00	0.00	0.00	4,129.13	2,465.05	117.26	2,467.84	0.00	0.00	0.00
5,200.00	0.00	0.00	4,229.13	2,465.05	117.26	2,467.84	0.00	0.00	0.00
5,300.00	0.00	0.00	4,329.13	2,465.05	117.26	2,467.84	0.00	0.00	0.00
5,400.00	0.00	0.00	4,429.13	2,465.05	117.26	2,467.84	0.00	0.00	0.00
5,500.00	0.00	0.00	4,529.13	2,465.05	117.26	2,467.84	0.00	0.00	0.00
5,600.00	0.00	0.00	4,629.13	2,465.05	117.26	2,467.84	0.00	0.00	0.00
5,700.00	0.00	0.00	4,729.13	2,465.05	117.26	2,467.84	0.00	0.00	0.00
5,800.00	0.00	0.00	4,829.13	2,465.05	117.26	2,467.84	0.00	0.00	0.00
5,875.87	0.00	0.00	4,905.00	2,465.05	117.26	2,467.84	0.00	0.00	0.00
TOG = 613370.57, 1237769.35									
5,900.00	0.00	0.00	4,929.13	2,465.05	117.26	2,467.84	0.00	0.00	0.00
6,000.00	0.00	0.00	5,029.13	2,465.05	117.26	2,467.84	0.00	0.00	0.00
6,100.00	0.00	0.00	5,129.13	2,465.05	117.26	2,467.84	0.00	0.00	0.00
6,200.00	0.00	0.00	5,229.13	2,465.05	117.26	2,467.84	0.00	0.00	0.00
6,300.00	0.00	0.00	5,329.13	2,465.05	117.26	2,467.84	0.00	0.00	0.00
6,400.00	0.00	0.00	5,429.13	2,465.05	117.26	2,467.84	0.00	0.00	0.00
6,500.00	0.00	0.00	5,529.13	2,465.05	117.26	2,467.84	0.00	0.00	0.00
6,600.00	0.00	0.00	5,629.13	2,465.05	117.26	2,467.84	0.00	0.00	0.00
6,700.00	0.00	0.00	5,729.13	2,465.05	117.26	2,467.84	0.00	0.00	0.00
6,800.00	0.00	0.00	5,829.13	2,465.05	117.26	2,467.84	0.00	0.00	0.00
6,900.00	0.00	0.00	5,929.13	2,465.05	117.26	2,467.84	0.00	0.00	0.00
6,978.87	0.00	0.00	6,008.00	2,465.05	117.26	2,467.84	0.00	0.00	0.00
Target = 613370.57, 1237769.35									
7,000.00	0.00	0.00	6,029.13	2,465.05	117.26	2,467.84	0.00	0.00	0.00
7,100.00	0.00	0.00	6,129.13	2,465.05	117.26	2,467.84	0.00	0.00	0.00
7,200.00	0.00	0.00	6,229.13	2,465.05	117.26	2,467.84	0.00	0.00	0.00
7,300.00	0.00	0.00	6,329.13	2,465.05	117.26	2,467.84	0.00	0.00	0.00
7,400.00	0.00	0.00	6,429.13	2,465.05	117.26	2,467.84	0.00	0.00	0.00
7,500.00	0.00	0.00	6,529.13	2,465.05	117.26	2,467.84	0.00	0.00	0.00
7,600.00	0.00	0.00	6,629.13	2,465.05	117.26	2,467.84	0.00	0.00	0.00
7,607.87	0.00	0.00	6,637.00	2,465.05	117.26	2,467.84	0.00	0.00	0.00
Rollins									
7,700.00	0.00	0.00	6,729.13	2,465.05	117.26	2,467.84	0.00	0.00	0.00
7,800.00	0.00	0.00	6,829.13	2,465.05	117.26	2,467.84	0.00	0.00	0.00
7,900.00	0.00	0.00	6,929.13	2,465.05	117.26	2,467.84	0.00	0.00	0.00
8,000.00	0.00	0.00	7,029.13	2,465.05	117.26	2,467.84	0.00	0.00	0.00
8,015.87	0.00	0.00	7,045.00	2,465.05	117.26	2,467.84	0.00	0.00	0.00
PBHL = 613370.57, 1237769.35									

Scientific Drilling International
Planning Report

Database:	Rockies Compass Server	Local Co-ordinate Reference:	Well Shell 697-34-06 - Slot I
Company:	OXY USA RMAT	TVD Reference:	GL 6485' & RKB 30' @ 6515.00ft (H&P)
Project:	Garfield County, CO NAD27	MD Reference:	GL 6485' & RKB 30' @ 6515.00ft (H&P)
Site:	Shell 797-03A Pad	North Reference:	True
Well:	Shell 697-34-06	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #2		

Design Targets									
Target Name									
- hit/miss target	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- Shape	(°)	(°)	(ft)	(ft)	(ft)	(usft)	(usft)		
Rev Shell 697-34-06 Tgt	0.00	0.00	6,008.00	2,465.05	117.26	613,370.57	1,237,769.35	39° 29' 11.047 N	108° 12' 3.546 W
- plan hits target center									
- Circle (radius 50.00)									

Formations						
Measured Depth	Vertical Depth					
(ft)	(ft)	Name	Lithology	Dip	Dip Direction	
				(°)	(°)	
4,895.87	3,925.00	Mesaverde		0.00		
5,065.87	4,095.00	Base Ohio Creek		0.00		
7,607.87	6,637.00	Rollins		0.00		

Plan Annotations					
Measured Depth	Vertical Depth	Local Coordinates			
(ft)	(ft)	+N/-S	+E/-W	Comment	
		(ft)	(ft)		
200.00	200.00	0.00	0.00	Start Build 3.00	
2,020.45	1,757.04	802.97	38.20	Start 54.61° Hold At 2020.45'	
3,075.42	2,367.96	1,662.08	79.06	Start Drop -3.00	
4,895.87	3,925.00	2,465.05	117.26	Start 0.00° Hold At 4895.87'	
5,875.87	4,905.00	2,465.05	117.26	TOG = 613370.57, 1237769.35	
6,978.87	6,008.00	2,465.05	117.26	Target = 613370.57, 1237769.35	
8,015.87	7,045.00	2,465.05	117.26	PBHL = 613370.57, 1237769.35	