

INS



00375228

NDONMENT

Date	SEPT, 12, 1997	State	COLORADO STATE OIL & GAS
Location (S-T-R)	SEC. 18 T3S R9SW	Operator	STRACHAN EXPLORATION
Field Area	PICEANCE CREEK TO SPRAGUE GULLY	Contractor and Rig	ROCKY MTN. WELL SERVICE
County	RIO BLANCO	INS No.	
State	COLORADO	Type of Well*	DEPLETED GAS WELL
Inspector	LANNIE MASSEY BUM	INC Issued	

*Dry Hole, Depleted Producer, Service, Water Well, etc.

	WITNESSED		
	YES	NO	N/A
1. Plugs spotted across perforations if casing set?			/
2. Plugs spotted at casing stubs?			/
3. Open hole plugs spotted as specified?	/		
4. Retainers, bridge plugs, or packers set as specified?			/
5. Cement quantities as specified?	/		
Method of verifying and testing plugs as specified?	/		
withdrawal rate satisfactory after spotting plugs?	/		
8. All annular spaces plugged to surface?			/

Plug Tested: ☐ No ☐ Pressured ☒ Tagged

If tested, which plug(s): W.O.C. 3HRS & TAGGED PLUG

Bottom Plug: Type Plug "G" Depth(s) 2485' TO 2170 Amount of Cement 75 SKS OR 15 BBLs
Bottom of casing est. @ 2448'. 37' of cement in open hole. 278' in casing

Stub Plug: Type Plug X Depth(s) X Amount of Cement X

Intermediate Plug: Type Plug X Depth(s) X Amount of Cement X

Surface Plug: Amount of Cement 35 SKS OR 7 BBLs Top of Plug SURFACE TO 16'S FT

Other: Type of Plug Depth(s) Amount of Cement

Cement and mechanical plug placement data (attach service company report, if available):

Remarks: PUMPED 1ST PLUG @ 10:35. W.O.C. 3HRS & TAGGED. T.O.O.H. LAYING DOWN.
PUMP 2ND PLUG @ 3:30 P.M. TO SURFACE. PLUG FELL TO 15' FROM SURFACE
I TOLD OPERATOR TO TOP IT OFF TO SURFACE WITH SAKRETE OR CEMENT TRUCK

INSPECTION TYPE : PD

INSPECTION ACTIVITIES :
ACTIVITY TIMES :

7 / 1 / 1

Office Time Travel Time 2.0 HRS Inspection Time 6:30 HRS

APR Inspection Code

B.D WAS OUT OF CEMENT.

BALANCE PLUG PROGRAM

CALCULATION						
	Size	Weight	cf/lf	lf/cf	bbl/ft	ft/bbl
Hole/Casing	6 1/4" / 7"	23 ^{lb}			.0377	26.53
Casing						
Tubing/D.P.						
Annular Volume						

Plug Set at 2485' Size of Plug 315'
H₂O Ahead 8 bbl Cement Class "G" Additions _____
H₂O Req: 4.8 gal/sk _____ cf/sk
Slurry Wt: 15.8 lbs/gal _____ lbs/cf
Slurry Vol: 1.17 cf/sk

CEMENT VOLUMES: _____ cf 15 bbls
Hole cap (cf/lf) X size of plug = cf x .1781 = bbls

SACKS OF CEMENT: 75 sks
Cmt vol (cf) + slurry vol (cf/sk)

MIXING H₂O REQUIRED: _____ bbls
Sks of cmt X H₂O req (gal/sk = gallons ÷ 42)

H₂O BEHIND: _____ bbls
Annular vol (ft/bbl) X H₂O ahead = _____ x tubing/D.P. (bbl/ft)

DISPLACEMENT: _____ bbls
Top of plug X tubing/D.P. (bbl/ft) = _____ tubing vol.
(subtract one bbl = to pull dry string)

CALCULATION						
	Size	Weight	cf/lf	lf/cf	bbl/ft	ft/bbl
Hole/Casing						
Casing	7"	23			.0377	26.53
Tubing/D.P.						
Annular Volume						

Plug Set at 1605' Size of Plug 165'
H₂O Ahead 3 bbl Cement Class "G" Additions _____
H₂O Req: 1.5 gal/sk _____ cf/sk
Slurry Wt: 15.8 lbs/gal _____ lbs/cf
Slurry Vol: 1.18 cf/sk

CEMENT VOLUMES: _____ cf 7 bbls
Hole cap (cf/lf) X size of plug = cf x .1781 = bbls

SACKS OF CEMENT: 35 sks
Cmt vol (cf) + slurry vol (cf/sk)

MIXING H₂O REQUIRED: _____ bbls
Sks of cmt X H₂O req (gal/sk = gallons ÷ 42)

H₂O BEHIND: _____ bbls
Annular vol (ft/bbl) X H₂O ahead = _____ x tubing/D.P. (bbl/ft)

DISPLACEMENT: _____ bbls
Top of plug X tubing/D.P. (bbl/ft) = _____ tubing vol.
(subtract one bbl = to pull dry string)

SURFACE TOP
OF CEMENT

1605' BOTTOM OF
CEMENT

2170' TOP OF
CEMENT

2448' BOTTOM OF 7" IN
CASING

2485' BOTTOM OF
CEMENT

2603'
T.D

CEMENT

CEMENT



CUSTOMER	Strachan	DATE	9-12-87	F.R.#	082632	SER.SUP.	Todd Guidry	TYPE JOB	plug & cement					
LEASE & WELL NAME-OCSG	Exxon #1	LOCATION	Sec 18-T3S-R9W			COUNTY-PARISH-BLOCK	Rio Blanco							
DISTRICT	Grand Junction	DRILLING CONTRACTOR RIG #				OPERATOR	Strachan							
MATERIAL FURNISHED BY WPS	TOP BTM	TYPE OF PLUGS	LIST-CSG-HARDWARE			SQ MANI FOLD Y N	TOP OF EACH FLUID	PHYSICAL SLURRY PROPERTIES						
								SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER	
75 SKS B + Additives								158	1.17	4.90	1:00	16	9	
35 SKS G + additives								158	1.16	5.00	1:30	7.2	4	
Available Mix Water _____ Bbl. Available Displ. Fluid _____ Bbl. TOTAL 23213														
HOLE		1 1/2 TBG-CSG-D.P.		TBG-CSG-D.P.		COLLAR DEPTHS								
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	SIZE	WGT.	TYPE	DEPTH	SHOE	FLOAT	STAGE	
6 1/4		2403	2.4			2530								
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN		WELL FLUID						
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE	DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.			
7"	23	J-5	2448					7 3/8	8rd	H2O	8.31			
CAL DISPL VOL -Bbl		CAL PSI		CAL MAX PSI		OP. MAX		MAX TBG PSI		MAX CSG PSI		DISPL FLUID		WATER SOURCE
TBG	CSG	CSG	TOTAL	BUMP PLUG	TO REV	SQ. PSI	RATED	OP	RATED	OP	TYPE	WGT	SOURCE	
48			8.3			40					H2O	8.34	Rio	
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:														
PRESSURE/RATE DETAIL						EXPLANATION								
TIME HR. MIN.	PRESSURE-PSI PIPE ANNULUS		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: WPS CREW <input checked="" type="checkbox"/> CO. REP <input checked="" type="checkbox"/>								
						TEST LINES 1500 PSI								
						CIRCULATING WELL-RIG <input type="checkbox"/> WPS <input checked="" type="checkbox"/>								
10:00					K120	Test Lines								
10:12	40		1	8	H2O	H2O ahead								
10:18	40		1	15.6		Cont at 15.8 psi,								
10:30	40		1	4.8	H2O	displacement								
10:45	40		1	3.5	H2O	Pull 13 stands								
10:48						displacement								
						Shut down								
15:30	40			3	H2O	Surface Plug								
15:34				7.2		H2O ahead								
15:40				1.5	H2O	Cont at 15.8 psi								
15:43						displacement								
BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	TOTAL Bbl. PUMPED	Bbl. CMT RETURNS/ REVERSED	PSI LEFT ON CSG	SPOT TOP CEMENT	SER. SUP. Todd Guidry							
Y N		Y N	43.6	1/4 Bbl			CUSTOMER REP. John Mance							

RECEIVED
1977 SEP 15 AM 7:30
BUREAU OF LAND MANAGEMENT
DENVER, CO. 80266-0003