

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Budget Bureau No. 1001-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT" for such proposals.)

OIL WELL ☐ GAS WELL ☒ OTHER ☐

2. NAME OF OPERATOR

Caulkins Oil Company

3. ADDRESS OF OPERATOR

P.O. Box 340 Bloomfield, New Mexico 87413

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface

990' F/N and 1650' F/W

14. PERMIT NO.

15. ELEVATIONS (Show whether OF, AT, OR, etc.)

6630 GR

NM 03554

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Breech "C"

9. WELL NO.

144-E

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

11. SEC., T., R., M., OR ALK. AND
SUBST. OR AREA

Section 12, 26 North 6 West

12. COUNTY OR PARISH

13. STATE
Rio Arriba New Mexico

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACURE TREAT ☐

SHOOT OR ACIDISE ☐

REPAIR WELL ☐

(Other) ☐

PELL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON ☐

CHANGE PLANE ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☒

FRACURE TREATMENT ☐

SHOOTING OR ACIDISING ☐

(Other) ☐

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT ☐

(Note: Report results of multiple completion on Well Completion or Recombination Report and Log form.)

17. DESCRIBE PURPOSES OR COMPLETION OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and cones (well next to this work).)

Reached TD 7647' 6-25-90

Ran New 7" J-55 Smls 8rd thd casing as follows:

Depth	Weight	Casing	Depth	Weight	Casing
7647.00 to 6741.60	(905.40)	New 7"	26#	LT&C	J-55 Smls casing
6741.60 to 922.06	(2377.07)	New 7"	23#	LT&C	J-55 Smls casing
922.06 to Surface	(922.06)	New 7"	26#	LT&C	J-55 Smls casing

Stage tools run in 7" casing at 5619.30' and 3299.19'.

Cement baskets run on 7" casing at 5625' and 3315'.

16 Regular Centralizers run on casing string at following points:

7644', 7565', 7526', 7442', 7401', 7360', 7275', 7234', 7193', 5660', 5531', 5444', 3342', 3216', 3172' and 3130'.

8 Turbo Centralizers installed at following depths:

7606', 7484', 7318', 5575', 5488', 5400', 3259' and 3088'.

RECEIVED

AUG 3 1990

OIL CON. DIV

DIST. 3

DATE 6-28-90

18. I hereby certify that the foregoing is true and correct

SIGNED Charles J. [Signature] TITLE Superintendent

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

ACCEPTED FOR RECORD

JUL 25 1990

FARMINGTON RESOURCE AREA

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any United States any false, fictitious or fraudulent statements or representations as to any matter within the jurisdiction of any Federal or State agency.

Cemented 7" casing in three (3) stages.

First stage thru shoe at 7647' with 435 sacks (500 Cu. Ft.) class G Neat cement containing 0.2% retarder, slurry density 15.8# per gallon. Plug down 9:18 PM 6-25-90.

Cemented 2nd stage thru stage tool set at 5619' with 415 sacks (684 Cu. Ft.) 50-50 Poz containing 6% Gel and 12 1/4# Gilsonite per sack, fluid density 12.4# per gallon, followed by 100 sacks (115 Cu. Ft.) class G Neat cement, density 15.8# per gallon. Plug down 11:02 PM 6-25-90.

Cemented 3rd stage thru stage tool set at 3299' with 475 sacks (783 Cu. Ft.) 50-50 Poz, containing 6% Gel and 12 1/4# Gilsonite per sack, fluid density 12.4# per gallon, followed by 100 sacks (155 Cu. Ft.) Class G Neat cement, fluid density 15.8# per gallon. Plug down 12:15 AM 6-26-90.

Cement circulated on all three (3) stages.

Approx 2 bbls slurry on first stage.
Approx 2 bbls slurry on second stage.
Approx 6 bbls slurry on third stage.

Copy of cement report attached.

CEMENTING SERVICE REPORT SUPPLEMENT LOG

DS-496-1 PRINTED IN U.S.A.

CAULKINS OIL & GAS

DATE 6-25-90

CUSTOMER WELL NAME AND NUMBER

Brecher #144E

LOCATION (LEGAL)

Sec 12 T26N R6W

DS LOCATION

Farmingington

TREATMENT NUMBER

15-06-0022

PAGE

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OF

1

PAGES

1

PRESSURE

VOLUME PUMPED BBL

TIME
0001 to 2400

TBG
OR D.P.

CASING

INCREMENT

CUM

INJECT
RATE

FLUID
TYPE

FLUID -
DENSITY

SERVICE LOG DETAIL

2150		940			1.5	Mud	9.5	Open stage tool
2151		220		52	1.5	"	"	Tool open - mix cw 7.
2156		310			4.6	cw 7	9.3	Start 2nd Stage Start cw 7.
2200		200	20	20	6.3	"	"	End cw 7. Start 2nd Slurry.
2219		200		122	6.4	po2	12.4	End Lead Slurry. - Start TAIL
2224		240		19	4	9/16	15.8	End TAIL - Baker drop 2nd plug.
2225		20			6.75	H2O	8.3	Start displacing.
2237		880		90	7.8	Mud	9.2	Start mud.
2242		910	128		2.9	"	"	Lower Rate for top Tool.
2243		930	132		7.6	Mud	9.2	In C Rates
2254		600	210		2.0	"	"	Lower Rate.
2302		750	223		1.9	"	"	End displacement Bump plug to 2360
2303		2						Bleed psi - Check Flow Back - OK.
2319		100	9		1.78	Mud	9.2	Baker drop 3rd Stage Bomb.
2323		100			6	cw 7	8.3	Open stage collar.
2326		210	19	10	6.2	"	"	Start cw 7.
2326		200			7.4	po2	12.4	End wash.
2348		910		155	7.4	9/16	15.8	Start Lead Slurry.
2348		270			5.7	"	"	End Lead Slurry Start TAIL
2351		310		22	5.7	"	"	Lower Rate.
2352		110		0	7.5	H2O	8.3	End TAIL. Baker drop plug.
0006		1060	95	95	5	"	"	Start displacing.
0012		1270	122	27	3	"	"	Lower pump rate Getting cement to surface.
0014		1300	128	6	1.95	"	"	Lower pump rate.
0015		1340	130	26	1.97	"	"	Lower pump rate.
0016		2420						End displacement. Bump plug to 2440
0017								Bleed all psi - Check Flow Back OK.
								RTG down equipment.

CEMENTING SERVICE REPORT



DOWELL SCHLUMBERGER INCORPORATED

DS-496 PRINTED IN U.S.A.

TREATMENT NUMBER 15-06-3082	DATE 6-25-90
STAGE 12-3	DS DISTRICT Farmington

WELL NAME AND NO. Breech C #144E	LOCATION (LEGAL) Sec 12 T26N R6W	RIG NAME Aztec 124
FIELD POOL BASIN	FORMATION DAKOTA	WELL DATA
COUNTY/PARISH Rio Arriba	STATE N. MEX	API NO.
NAME CAULKINS OIL & GAS	AND P.O. Box 340	ADDRESS Bloomfield, N. MEX.
SPECIAL INSTRUCTIONS Don't wash Line. Behind plugs.	ZIP CODE	

IS CASING/TUBING SECURED? ☒ YES ☐ NO	LIFT PRESSURE 4562 423 PSI	CASING WEIGHT - SURFACE AREA (3.14 x R ²)
PRESSURE LIMIT	PSI	BUMP PLUG TO
ROTATE	RPM	RECIPROCAT
	FT	No. of Centralizers 24
		Baker.

TIME	PRESSURE	VOLUME PUMPED	JOB SCHEDULED FOR TIME	DATE	ARRIVE ON LOCATION TIME	DATE	LEFT LOCATION TIME	DATE
0001 to 2400	TBG OR DP	CASING	INCREMENTS	CURS	INJECT RATE	FLUID TYPE	FLUID DENSITY	
1430-1530								
1900								
1958	250	10	2.9	SPACER	8.3			
2001	330	16	4.5	H ₂ O	8.3			
2008	240	36	3.9	C/G	15.8			
2030	150	87	3.9	"	"			
2031	200		6.9	H ₂ O	8.3			
2050	120		3.9	Mud	9.2			
2051			8	"	"			
2102	160	219	4.5	"	"			
2103	260	221	8	"	"			
2110	750	270	5 1/2	"	"			
2114	920	295	2.2	"	"			
2118	900	299	2.0					
2118								
2120								

REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU FT/SK	COMPOSITION OF CEMENTING SYSTEMS	SLURRY MIXED
1	435	1.15	C/G 0.2% D13. Return	89
2	415	1.65	C/G 50/50 poz. 67D20, 12 1/4 D24/SX.	122
3	100	1.15	C/G NEAT.	20
4	475	1.65	C/G 50/50 poz. 67D20, 12 1/4 D24/SX	139 1/2
5	100	1.15	C/G NEAT	

BREAKDOWN FLUID TYPE	VOLUME	DENSITY	PRESSURE
HE SITUATION SO	RUNNING SO	CIRCULATION LOST	MAX 900 MIN 120
BREAKDOWN	PSI	FINAL	PSI
Washed Thru Perb.	YES	NO	NO
PERFORATIONS			
CUSTOMER REPRESENTATIVE	DS	SUPERVISOR	