

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires September 10, 1990

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

RECEIVED

SEP 17 1991

1. TYPE OF WELL ☒ OIL WELL ☐ GAS WELL ☐ OTHER

2. NAME OF OPERATOR

ARCO Oil & Gas Company

3. ADDRESS AND TELEPHONE NO.

P.O. Box 1610, Midland, TX 79702

(915) 688-5672

4. LOCATION OF WELL (Footage, Sec., T., R., M., or Survey Description)

Sec. 1-T18S-R27E

953' FSL & 2197' FEL (Unit Letter O)

6. LEASE DESIGNATION AND SERIAL NO.

NM 016788

8. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. IF UNIT OR CA, AGREEMENT DESIGNATION

Empire Abo Unit "L"

9. API WELL NO.

8. WELL NAME AND NO.

Empire Abo L-19

10. FIELD AND POOL, OR EXPLORATORY AREA

Empire Abo

11. COUNTY OR PARISH, STATE

Eddy, NM

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ NOTICE OF INTENT

☐ SUBSEQUENT REPORT

☐ FINAL ABANDONMENT NOTICE

TYPE OF ACTION

☒ ABANDONMENT

☐ RECOMPLETION

☐ PLUGGING BACK

☐ CASING REPAIR

☐ ALTERING CASING

☐ Other

☐ CHANGE OF PLANS

☐ NEW CONSTRUCTION

☐ NON-ROUTINE FRACTURING

☐ WATER SHUT-OFF

☐ CONVERSION TO INJECTION

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

DESCRIBE PROPOSED OR COMPLETED 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 zones pertinent to this work.)

Propose to P & A as follows:

Plug	Interval	Cmt.	Remarks
1	6115'-6216'	100 sx	Set CICR @ 6150'. Squeeze cmt. perfs. Dump 35' cmt. on top Load hole with 10 ppg Mud Laden Fluid
2	3450'-3900'	35 sx	Spot balanced cement plug.
3	1300'-2200'	70 sx	Spot balanced cement plug.
4	640'-900'	20 sx	Spot balanced cement plug.
5	100'-surf	10 sx	Spot balanced cement plug.

Cut off casing. Install dry hole marker. Reclaim location

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

SIGNED

Kenneth L. Ginnell

TITLE

Regulatory Coordinator

DATE

9-24-91

(This space for Federal or State office use)

Orig. Signed by Shannon J. Shaw

PETROLEUM ENGINEER

APPROVED BY

TITLE

DATE

9/26/91

CONDITIONS FOR APPROVAL, IF ANY:

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

WORKOVER PROCEDURE

DATE: 9/19/91

WELL & JOB: Empire Abo L-19 P&A

DRILLED: 3/71

LAST WORKOVER: 7/80

FIELD: EAU

COUNTY: Eddy, NM

BY: RDR

TD: 6300'

PBD: 6273'

DATUM: Unknown

TUBINGHEAD: National Type E

SIZE: 7-1/16"

PRESS RATING: Unknown

CASING:	<u>SIZE</u>	<u>WEIGHT</u>	<u>GRADE</u>	<u>SET @</u>	<u>SX CMT</u>	<u>TOC</u>
SURFACE:	8-5/8"	24		1531'	900	surf.
INTER:						
PROD:	4-1/2"	9.5		6300'	450	surf.

PERFORATIONS: Abo perms. 6206'-6216'

TUBING:	SIZE: 2-3/8"	WEIGHT: 4.7	GRADE: J-55	THREAD: EUE
BTM'D @ 6057'	JOINTS: 192	MISC:		

PACKER AND MISC: Guiberson KVL @ 6057'

HISTORY AND BACKGROUND: 3/71 Drilled and completed as a rod pump well. 5/74 Ran CBL, perforated squeeze holes at 3780' and squeezed with 1000 sx of cement. Circulated cement to surface. 7/80 Pulled rods and pump. Ran Guiberson KVL pkr, SN and tubing. This well has been SI since 1980.

SCOPE OF WORK: P&A

PROCEDURE

1. Notify BLM in Carlsbad (505) 887-6544 of intent to P&A (This is a Federal Lease). Check well for pressure and bled off same. Dig out wellhead and build working pit.
2. Pump water down tubing to kill well. Establish injection rate. Release KVL pkr. (set with 8000 lbs. compression, automatic J with pick-up), ND wellhead, NU BOP and POH. Check production tubing for suitability as work string.
3. TIH with CICR and pump through same. Set CICR at 6150' and test tubing. Squeeze cement Abo perms. 6206'-6216' with 100 sx Cl H, dump 35' of cement of top of CICR. POH with stinger.
4. TIH with open-ended tubing to 6100'. Displace hole with 10 ppg MLF. PUH to 3900'
5. Spot 35 sx balanced plug from 3900' to 3450'. PUH to 2200'.

Cont'd

6. Spot 70 sx balanced plug from 2200' to 1300'. PUH to 900'.
7. Spot 20 sx balanced plug from 900' to 640'. PUH to 100'
8. Spot 10 sx plug from 100' to surface. ND BOP.
9. Cut off casing and wellhead. Weld on abandonment plate. Install dry hole marker.
10. Clean up location and reclaim working pit.

Empire Abo L-19
 Sec. 1, T18S, R27E
 953' FSL & 2197' FEL
 Eddy Co., NM

