

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYCOPY
SUBMIT IN TRIP
(Other instruction
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Form approved.
Budget Bureau No. 42-R1424.

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.)

1. OIL WELL ☐ GAS WELL ☐ OTHER TA, Dry Hole		5. LEASE DESIGNATION AND SERIAL NO. LC 067858	
2. NAME OF OPERATOR Atlantic Richfield Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P. O. Box 1710, Hobbs, New Mexico 88240		7. UNIT AGREEMENT NAME Empire Abo Pressure Maintenance Project	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1100' FNL & 1200' FWL (Unit letter D)		8. FARM OR LEASE NAME Empire Abo Unit "M"	
14. PERMIT NO.		9. WELL NO. 131	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3568.3' GR		10. FIELD AND POOL, OR WILDCAT Empire Abo	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 11-18S-27E	
		12. COUNTY OR PARISH Eddy	
		13. STATE N.M.	

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐	PULL OR ALTER CASING ☐
FRACTURE TREAT ☐	MULTIPLE COMPLETE ☐
SHOOT OR ACIDIZE ☐	ABANDON* ☐
REPAIR WELL ☐	CHANGE PLANS ☐
(Other) ☐	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐	REPAIRING WELL ☐
FRACTURE TREATMENT ☐	ALTERING CASING ☐
SHOOTING OR ACIDIZING ☒	ABANDONMENT* ☐
(Other) DST, Core, Run & Cmt Prod Csg, ☒	Perf, ☒
(NOTE: Report results of multiple completion on Well Test & Completion or Recompletion Report and Log form.) Cmt Squeez ☒	

17. 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.)*

On 7/26/78, Core #1 Abo 6108-6138', rec 30'. Core #2 Abo 6138-68', rec 30'. On 7/27/78 Core #3 Abo 6168-6198', rec 30', Core #4 Abo 6198-6228', rec 29'. RIH w/bit, fin drlg to 6325' @ 1:30 PM 7/28/78. Ran GR-N, Sonic 6321-4300', DLL-Micro SFL, Cyberlook, CNL-FDC logs. On 7/30/78 ran DST #1 Abo 6120-6145', no flow, 1.678 psi press 9 mins. Closed tool for 25 min SI. TO 20 mins, no flow. Ran DST #2 Abo 6165-6190', op 15 mins, no flow. Closed 7-1/2 mins, no incr, zero press. DST #3 Abo 6120-6145'. TO for 45 mins, no flow. Closed tool for 2-1/4 hrs, had gas ARO 2.75 MCFD. SI 135 mins, FP 0#. RIH w/5-1/2" OD 15.5# K-55 csg, set @ 6325'. FS @ 6325', FC @ 6281' & SC @ 3947'. Cmtd 1st stage w/10 bbls SAM, 20 BFW, 250 sx Dowell Lite cont'g 8# salt/sk & 200 sx Thik-set or RFC. Displ w/47 BW to 1917'. Cmt set up, press up to 4100#, rel press. Press up to 3000#, no movement of cmt. RIH w/bit, found TOC @ 1855', drld cmt 1855-3947', SC @ 3947', cmt 3947-6282'. Ran CBL 6273-5200', TOC @ 5590'. Perf 5-1/2" csg 5540-42' w/4JS. RIH w/cmt retr, set @ 5483'. Cmtd thru retr w/250 sx Dowell Lite cmt, 2% CaCl & 100 sx Cl C cmt, 2% CaCl. MP 1000#. RO 40 sx cmt. Pmpd thru SC @ 3947' w/10 BW OK. TOC on retr @ 5420'. RIH w/cmt retr, set @ 3866', cmtd under retr, thru SC @ 3947' w/640 sx Dowell Lite wt cmt cont'g 2% CaCl followed by 100 sx Cl C cont'g 2% CaCl. Circ 100 sx cmt to pit. PO of retr, circ 4 sx cmt. WOC 24 hrs. RIH w/bit, drld cmt 3860-3866' & retr @ 3866', cmt to 3950'. Press tested csg w/1600# OK. RIH w/bit, drld cmt 5428-5483' & retr @ 5483-5554'. Press tstd csg to 1600# 30 mins OK. Dresser Atlas found btm @ 6272'. Perfd 5-1/2" OD csg 6128-6148' w/2 JSPF. RIH w/Lok-set pkr on 2-3/8" OD EUE tbq, set pkr @ 6080' w/SN @ 6075'. Acidized perfs 6128-6148' w/300 gals 15% HCL-NE acid, 1000 gals 10# CaCl 1000 gal LC, 3000 gals 60/40 15% acid/xylene, flushed w/18 BLC. In 3 hrs swbd 0 BO & 54 BW. (cont'd on attached Page 2)

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

SIGNED

TITLE Dist. Drlg. Eng.

DATE 9/11/78

(This space for Federal or State office use)

APPROVED BY

TITLE ACTING DISTRICT ENGINEER

DATE SEP 19 1978

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions, Reverse Side

Form 9-331

Empire Abo Unit "M" #131

9/11/78

POH w/tbg & pkr. Set retri w/WL @ 6122'. RIH w/stinger on 2-3/8" OD tbg to retri. Pmpd 50 sx RFC cmt into perfs 6128-48' @ 1 BPM, displ w/23 BW. RO 3 sx off top of retri. Spotted 100 gals 20% acetic acid 6118-6000'. Pld tbg to 6040' & RO acid. Perf'd 5-1/2" csg 6102-6118' w/2 JSPF. RIH w/Lok-set pkr, SN on 2-3/8" OD EUE tbg, set pkr @ 6017', SN @ 6012'. In 9 hrs swbd 0 BO & 124 BW, small amt gas. POH w/pkr & tbg. RIH w/cmt retri, set retri @ 6070'. Squeezed perfs 6102-6118' w/50 sx RFC cmt. MP 2200#. RO 24 sx cmt. Displ hole w/ 2% KCL TW. POH w/tbg, inst tbg head, closed in valves. Temporarily abandoned 9/5/78. Dry hole, unsuccessful. Final Report.

