

Submit 1 Copy To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
October 13, 2009

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-015-21797
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name EMPIRE ABO UNIT "G"
8. Well Number 341
9. OGRID Number 873
10. Pool name or Wildcat EMPIRE ABO
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3661.2' GR

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" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	
2. Name of Operator Apache Corporation	
3. Address of Operator 303 Veterans Airpark Ln. Midland, TX 79705	
4. Well Location Unit Letter <u>K</u> : <u>1850</u> feet from the <u>S</u> line and <u>2591</u> feet from the <u>W</u> line Section <u>34</u> Township <u>17S</u> Range <u>28E</u> NMPM County <u>EDDY</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3661.2' GR	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

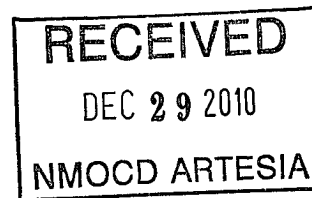
OTHER: COMPLETE ABO & RETURN TO PRODUCTION ☒

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Apache requests permission to complete in abo formation and RWTP, this will remove Empire Abo Unit G #341 from the inactive well list.

Please see attached procedure for proposed work.



Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Katie Kauffman TITLE Engineering Tech DATE: 12/28/2010

Type or print name Katie Kauffman E-mail address: katie.kauffman@apachecorp.com PHONE: 432.818.1065
For State Use Only

APPROVED BY: David May TITLE Field Supervisor DATE 1-4-2011
Conditions of Approval (if any):

No Further T/A will be approved - well must be returned to production, or be Plugged + Abandoned.

Approval Granted providing work
is complete by 7/4/2011

Empire Abo Unit G-341
API # 30-015-21797
Sec 34, T17S, R36E
Elevation: 3672' KB, 3661' GL
TD: 6400'
PBSD: 6366'

Casing Record: 8-5/8" 24# @ 600' w/ 400 sx, circ
5-1/2" 14 & 15.5# @ 6400' w/ 2675 sx, TOC @ 540'

Perfs: 6186-6196'

Objective: Test Abo and RTP

AFE: PA-11-3018

1. Test TCA to 500 psi.
2. MIRU unit. POOH w/ tbg, laying down.
3. RIH w/ 4-3/4" bit on 2-7/8" WS.
4. CO well to $\pm 6300'$ & POOH
5. RIH to 6150' w/ csg scraper. Circ well clean. POOH
6. RU WL & perforate 6222-6230' w/ 2 spf 120 deg phasing (18 holes). **Correlate to Slb Compensated Neutron/Formation Density log dated 6/19/76**
7. RIH w/ treating pkr on WS. Set pkr just below old perfs at 6196'. Acidize new perfs from 6222-6230' w/ 1000 gals 15% NEFE acid and 36 ball sealers.
8. RU swab and recover load. Swab test perfs for fluid entry and oil cut. Report results to Midland.

NOTE: Decision on when to run production equipment will be made based on swab results. Will continue completeing intervals uphole until satisfied with swab results.

9. Set CIBP above top perf.
 10. RU WL & perforate 6055', 6065', 6071', 6092-98', 6120-32', 6140-50' w/ 2 spf 120 deg phasing (62 holes). **Correlate to Slb Compensated Neutron/Formation Density log dated 6/19/76**
 11. RIH w/ treating pkr on WS. Set pkr just above new perfs. Acidize new perfs from 6055-6132' w/ 3000 gals 15% NEFE acid and 120 ball sealers.
 12. RU swab and recover load. Swab test perfs for fluid entry and oil cut. Report results to Midland.
 13. If proceeding uphole RU WL & set CIBP @ 6050'. perforate 5944-46', 5950-54', 5965', 5978', 5989', 6012-20', 6022-30' w/ 2 spf 120 deg phasing (52 holes). **Correlate to Slb Compensated Neutron/Formation Density log dated 6/19/76**
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14. RIH w/ treating pkr on WS. Set pkr just above new perfs. Acidize new perfs from 5944-6030' w/ 3000 gals 15% NEFE acid and 104 ball sealers.
 15. RU swab and recover load. Swab test perfs for fluid entry and oil cut. Report results to Midland.
 16. If proceeding uphole RU WL & set CIBP @ 5935'. perforate 5866-70', 5874-78', 5880-84', 5888-5900', 5908', 5912-16', 5926' w/ 2 spf 120 deg phasing (60 holes). **Correlate to Slb Compensated Neutron/Formation Density log dated 6/19/76**
 17. RIH w/ treating pkr on WS. Set pkr just above new perfs. Acidize new perfs from 5866-5926' w/ 3000 gals 15% NEFE acid and 120 ball sealers.
 18. POOH laying down WS & pkr.
 19. RIH w/ production tbg and rods per forthcoming design.
 20. RDMOPU. Return well to production on rod pump.
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