

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-7

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	1
FILE	1
U.S.O.S.	
LAND OFFICE	
OPERATOR	1

5a. Indicate Type of Lease	
State ☒	Free ☐
5. State Oil & Gas Lease No.	
L-5347	

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.)

RECEIVED

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐		7. Unit Agreement Name	
2. Name of Operator		8. Farm or Lease Name	
Carl A. Schellinger		Campbell Station Uni	
3. Address of Operator		9. Well No.	
P.O. Box 447, Roswell, New Mexico 88201		1	
4. Location of Well		10. Field and Pool, or Wildcat	
UNIT LETTER <u>M</u> <u>660'</u> FEET FROM THE <u>South</u> LINE AND <u>660'</u> FEET FROM		Wildcat	
THE <u>West</u> LINE, SECTION <u>34</u> TOWNSHIP <u>8-S</u> RANGE <u>27-E</u> NMPM.			
15. Elevation (Show whether DF, RT, GR, etc.)		12. County	
3871' G.R. 3882' K.B.		Chaves	

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☒ Completion Procedure in Abo	CASING TEST AND CEMENT JOBS ☐	

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Completion procedure (Abo)

The attached procedure is proposed to temporarily plug off the Penn Zone 6373' - 6388' K.B., and complete in the abo formation 5177 - 5229' K.B. This well may be completed from both zones, depending upon results of test in the Abo formation.

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

SIGNED <u>Sheryl L. Cook</u>	TITLE <u>Engineering Secretary</u>	DATE <u>9/11/81</u>
APPROVED BY <u>W. A. Gressett</u>	TITLE <u>SUPERVISOR, DISTRICT II</u>	DATE <u>OCT 14 1981</u>
CONDITIONS OF APPROVAL, IF ANY:		

W.V.

O'BRIANT ENGINEERING

P.O. Box 10487

Midland, Texas 79702

915-683-5511

915-683-3172

September 2, 1981

Mr. Carl A. Schellinger
P.O. Box 447
Roswell, New Mexico 88201

RE: COMPLETION PROCEDURE (ABO)
CAMPBELL STATION UNIT NO. 1
CHAVES COUNTY, NEW MEXICO

Dear Sir:

The following procedure is proposed to temporarily plug-off the Penn Zone 6373' - 6388' K.B., and complete in the Abo formation 5177' - 5229' K.B. The well may be completed from both zones, depending upon results of test in the Abo formation.

PROCEDURE:

1. Move-in and rig-up completion equipment; set a clean 500 bbl frac tank and load with approximately 300 bbl 2% KCL water.
2. Kill Penn zone with 2% KCL water.
3. Unseat packer.
4. Circulate hole with 2% KCL water to remove all entrained gas.
5. P.O.O.H. with packer and tubing.
6. G.I.H. with Baker Lok-set packer, 1 - 4' sub, "on-off" tool with 1.81" (or 1.78") profile and tubing to approximately 6300' K.B.
7. Set packer with spacing to install well head with 12,000-14,000# tension (Do not remove BOP at this time).
8. Swab and flow well to clean-up.

9. Rig-up slick line unit.
 - (A) Run gauge ring to top of profile.
 - (B) Run and set a plug in profile.
10. Release from "on-off" tool, and pull out of hole.
11. Go in hole with tubing and RBP; set RBP at approximately 5500' K.B.
12. Pull up hole to 5229' K.B.; pressure test RBP with 2000' psig.
13. Circulate 200 gallons Howco MOD-101 acid to spot with 2% KCL water.
14. Pull out of hole (Keep hole full).
15. Perforate Abo at following points with one shot per foot - Top Down:

5177 - 5179 - 5181 - 5183 - 5191 - 5193 - 5195 - 5197 -
5221 - 5223 - 5224 - 5229. (12 holes).
16. Go in hole with Baker retrieving head, one joint of tubing, seating nipple and tubing to approximately 5100' K.B.
17. Displace acid into perforations.
18. Acidize perforations with 1800 gallons Howco MOD-101 Acid with one ball sealer per 100 gallons acid (i.e. - pump acid and ball sealers down tubing with annulus open until acid near bottom of tubing, then close valve and treat). Reference: Howco treating recommendation dated 8/6/81.
19. Swab and/or flow test.
20. Frac well as per Howco recommendation:
21. Swab and/or flow test.
22. Run BHP and AOF tests.
23. Kill Abo with 2% KCl water.

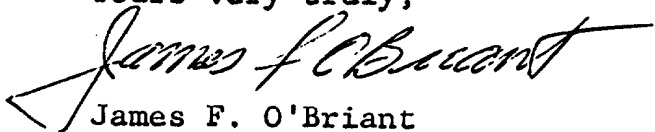
CARL A. SCHELLINGER
CAMPBELL STATION UNIT NO. 1
CHAVES COUNTY, NEW MEXICO
COMPLETION PROCEDURE (ABO)
PAGE -3-

24. G.I.H. to RBP; circulate sand off RBP.
25. Pick-up RBP and pull out of hole.
26. Go in hole with "on-off" connector, approximately 800' of tubing, Baker Sliding sleeve (1.87" I.D.) and tubing (sleeve in open position).
27. Connect to lok-set packer, and set well head with 10,000-12,000# tension.
28. Swab and/or flow to clean-up Abo zone.
29. Rig-up slick line unit; close sliding sleeve.
30. Pull plug set in "on-off" tool.
31. Flow Penn zone to clean-up.
32. Rig down and release all equipment.
33. Install surface producing equipment and turn over to pumper.

****NOTE****

- (1) Keep a 2-3/8" full opening TIW safety valve (open) on floor at all times.
- (2) All kill fluids to be fresh water containing 2% KCl by weight.
- (3) Should Abo not be productive, will probably have to squeeze perforations, and drill out before restoring Penn production.

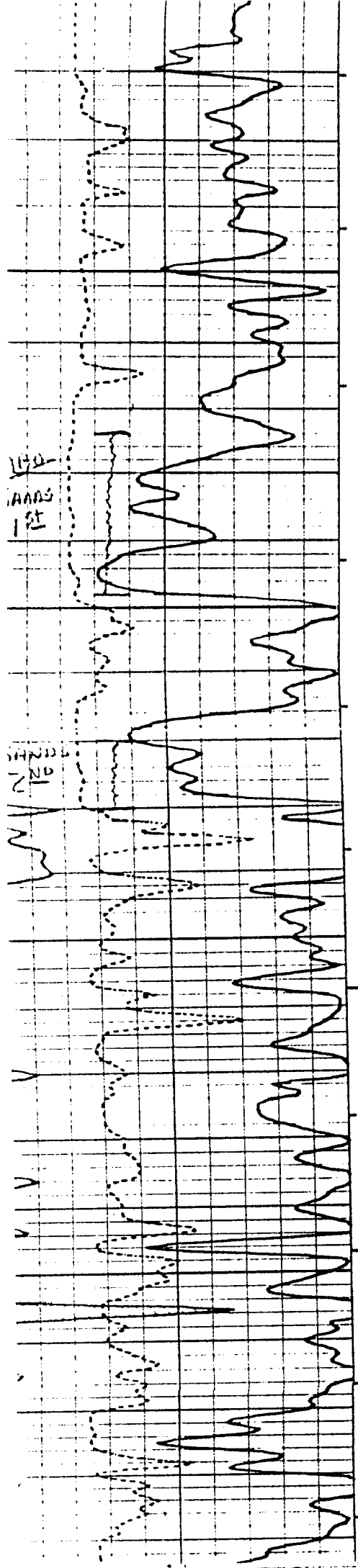
Yours very truly,



James F. O'Briant
Registered Professional Engineer

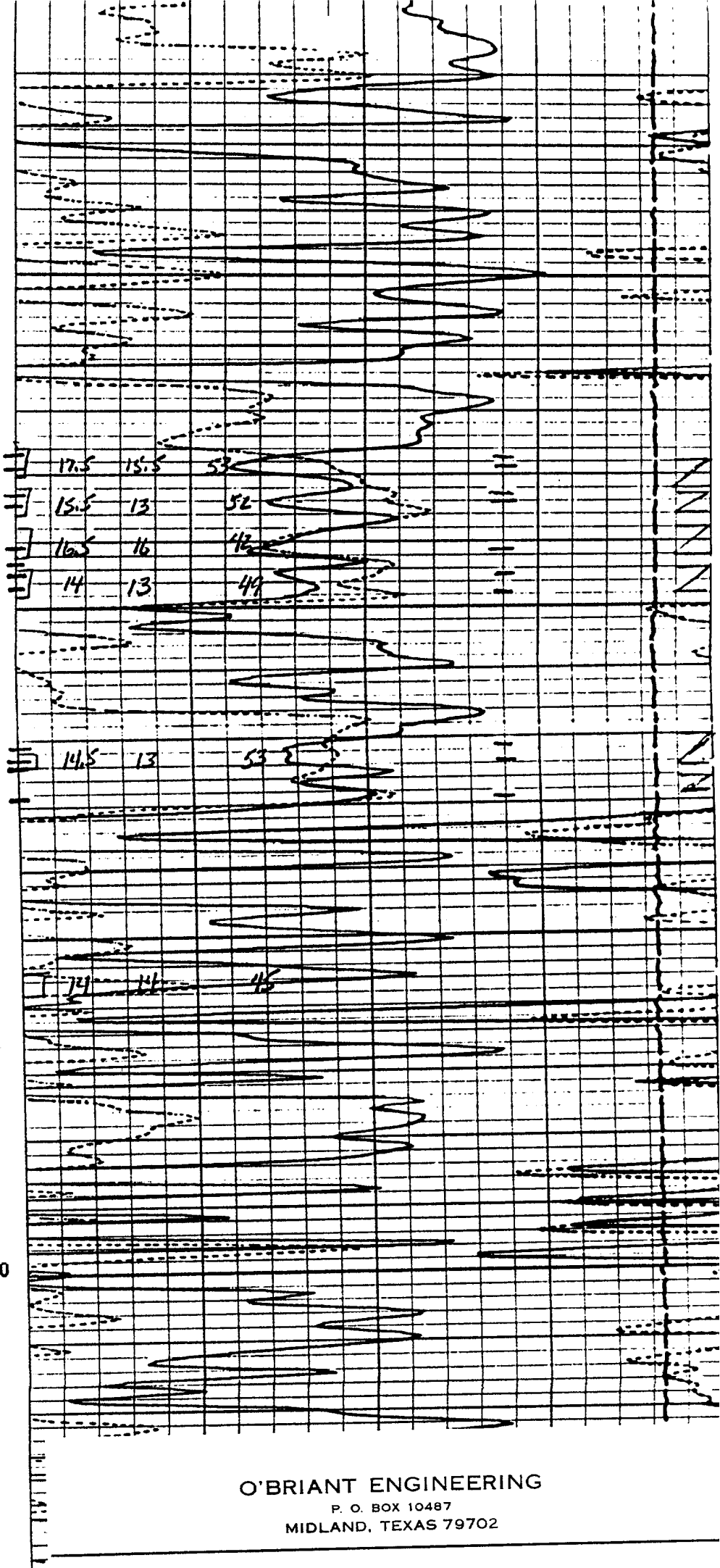
JFO/sc
Attachments

1. Well data (As of 9/2/81)
2. Howco Treating Recommendation
3. Log section.



5200

5300



17.5	15.5	53
15.5	13	52
16.5	16	46
14	13	49

14.5	13	53
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14	14	46
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O'BRIANT ENGINEERING
P. O. BOX 10487
MIDLAND, TEXAS 79702

TO:
CARL A. SCHELLINGER
CAMPBELL STATION UNIT NO. 1
CHAVES COUNTY, NEW MEXICO

COMPENSATED NEUTRON FORMATION DENSITY
LOG DATED 6/15/81