

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-

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DISTRIBUTION	
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FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

3a. Indicate Type of Lease	
State ☐	Fee ☒
5. State Oil & Gas Lease No.	

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. OIL WELL ☒ GAS WELL ☐ OTHER ☐		7. Unit Agreement Name
2. Name of Operator ARCO Oil and Gas Company		8. Farm or Lease Name S. J. Sarkeys
3. Address of Operator P.O. Box 1610, Midland, Texas 79702		9. Well No. 6
4. Location of Well UNIT LETTER <u>I</u> <u>2310</u> FEET FROM THE <u>South</u> LINE AND <u>1980</u> FEET FROM THE <u>East</u> LINE, SECTION <u>23</u> TOWNSHIP <u>21S</u> RANGE <u>37E</u> NMPM.		10. Field and Pool, or Wildcat Drinkard/Wantz Abo
15. Elevation (Show whether DF, RT, GR, etc.) 3382 GR		12. County Lea

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

PERFORM REMEDIAL WORK	☐
TEMPORARILY ABANDON	☐
PULL OR ALTER CASING	☐

PLUG AND ABANDON	☐
CHANGE PLANS	☐

OTHER Abandon the Drinkard

SUBSEQUENT REPORT OF:

REMEDIAL WORK	☐
COMMENCE DRILLING OPNS.	☐
CASING TEST AND CEMENT JOBS	☐
OTHER	☐

ALTERING CASING	☐
PLUG AND ABANDONMENT	☐

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.

This well is currently a downhole commingled Drinkard and Wantz Abo.
Propose to abandon the Drinkard as follows:

1. POH w/CA.
2. Set RBP at 6750 and CR at 6380.
3. Sqz Drinkard perms 6432-6611.
4. Drill out and press test.
5. POH w/RBP.
6. Re-run CA.

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

SIGNED Ken W. GosnellTITLE Engr. Tech. 915-688-5672DATE 9-1-87

Eddie W. Soby

APPROVED BY Oil & Gas Inspector

TITLE

CONDITIONS OF APPROVAL, IF ANY:

SEP 4 1987

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SEP 3

OC

OFFICE

1-16

WORKOVER PROCEDURE

DATE 6/30/87

Well No. & Type of Job S. J. Sarkeys #6 - Abandon Drinkard

Drilled & Completed: July, 1965 Last WO: 12/85 - Change Pump

Field: Wantz Abo County: Lea, New Mexico Prepared By: S. M. Stash

TD 7370' PBD 7335' DATUM 3396' GL DIST RKB TO THF --

Wellhead Information: _____

Casing Information:	Size	Wt.	Grade	Set @	Sx Cmt	Top of cement
Surface	<u>13-3/8"</u>	<u>48#</u>	<u>H-40</u>	<u>382'</u>	<u>400</u>	<u>Surf (Circ)</u>
Intermediate	<u>8-5/8"</u>	<u>20/24#</u>	<u>J-55</u>	<u>3209'</u>	<u>1175</u>	<u>275' (TS)</u>
Producing	_____	_____	_____	_____	_____	_____
Liner	_____	_____	_____	_____	_____	_____

Liner: Size 5-1/2" Wt. 14/15.5# Top 3052' Bottom 7370' TOC 3052'

Present Perforations and Formation: DRINKARD: 6432, 43, 51, 59, 75, 88, 6503, 25, 30, 38, 54, 61, 83, 88, 6600, 03, 11 (34 shots) [IP: 130 BOPD, 29 MCFPD, 0 BWPD]; ABO: 6891, 6918, 20, 96.5, 7061, 63, 69, 72, 7107, 14, 21, 28, 76, 7227, 40, 86 (32 shots) Commingled IP: 14 BOPD, 15 BWPD, 48 MCFPD. LP: 6 BOPD & 28 MCFPD.

Tubing Data: Size 2-3/8" Wt. 4.7# Grade J-55 Thd 8 rd Btmd @ 7304'
Jts 239 Misc. SN @ 7269

Packer & Miscellaneous: Bad csg f/6741-44'

PROCEDURE

1. MIRU PU. POOH rods & pump. NU 3000 psi WP BOPE. Load hole w/LSW.
2. POOH 2-3/8", 4.7#, J-55, 8rd EUE tbg (239 joints).
3. RIH w/RBP and retrievable ^{pkR}CR. Set RBP @ $\pm 6750'$. POOH & set pkr @ $\pm 6700'$ Test RBP t/1000 psi. Spot 20' snd down tbg.
4. ^{GRH w/}Unseat RCR & POOH t/6380' and reset RCR. Load and test 5-1/2" x 2-3/8" annulus t/1000 psi. Establish IR and IP into Drinkard perfs f/6432'to 6611' w/LSW. Design squeeze slurry & volume based upon IR & IP data.
5. Squeeze Drinkard perfs. Displace tbg volume, ^{woc}unset RCR & POOH w/2-3/8" tbg and RCR. ~~woc~~

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6. RU circ equipment & TIH w/4-3/4" bit and DCs on 2-3/8" tbg. DO cmt & pressure test squeezed perfs t/1000 psi. CO hole t/RBP @ ±6750. Circ hole clean. POOH w/bit.
7. TIH w/2-3/8" tbg and retrieving tool & retrieve RBP. POOH.
8. RIH w/CA as pulled & complete as single Abo well.

S. M. Stash

K. D. Krawietz

D. R. McKelvey

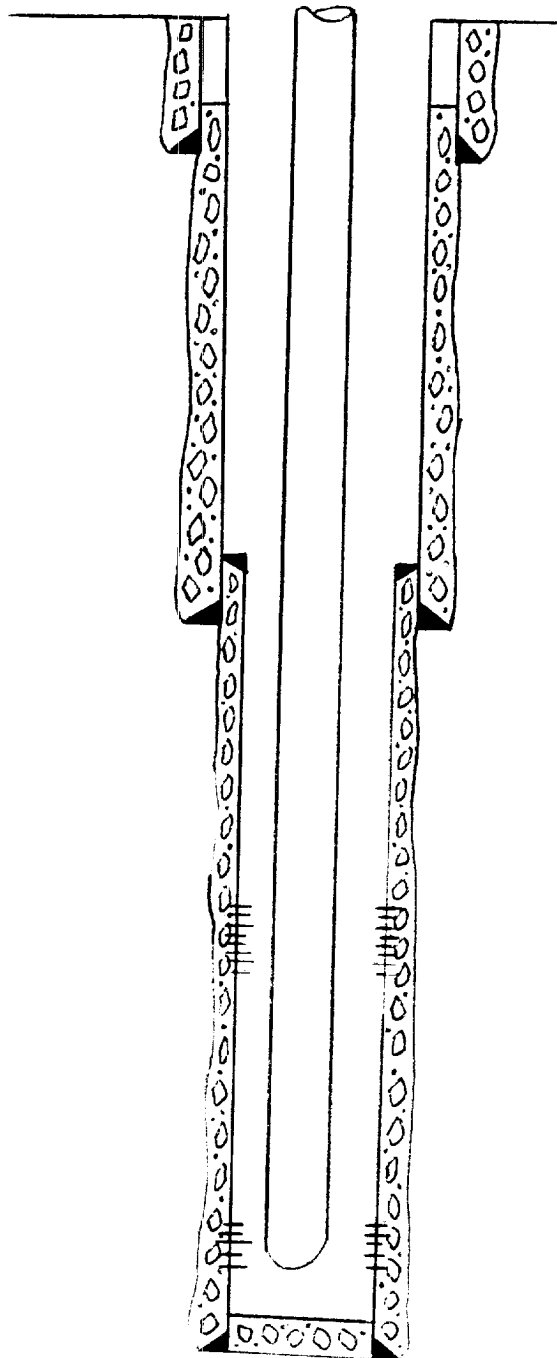

G. D. Kambrough

7-22-87

RECEIVED
SEP 3 1977
JCP
HOBBS OFFICE

S. J. SARKEYS #6
PRESENT WELLBORE SCHEMATIC

2310' FSL and 1980' FEL, Section
23, T21S, R37E, Lea County,
New Mexico



TD @ 7370'
PBTD @ 7335'

GL @ 3396'

TOC @ 275' (TS)

13-3/8", 48#, H-40 csg @ 383'
cmt'd w/ 400 sx cmt w/ 2% CaCl_2

2-3/8", 4.7#, J-55, 8rd tbg w/
btm @ 7304' (239 joints)

ROD STRING: 2' X 1 1/2" X 16' RHTC
pump, LH backoff tool, 3/4" X 2'
pony, 218-3/4" rods, 70-7/8"
rods, 1 1/2" X 16' PR w/ 8' PRL

8-5/8", 20 & 24#, J-55 csg @
3209' cmt'd w/ 975 sx Trinity
Lite, followed by 200 sx salt
sat. cmt
TOL @ 3052'. Squeezed w/ 200 sx
w/ 2% CaCl_2

Squeezed thru perf holes @ 6879'
w/ 200 sx cmt w/ 0.6% Halad-9
[Orig TOC @ 6900']

DRINKARD PERFS: 6432, 43, 51,
59, 75, 88, 6503, 25, 30, 38,
54, 61, 83, 88, 6600, 03, 11
(34 shots) ~~SQUEEZED~~

ABO PERFS: 6891, 6918, 20, 96.5,
7061, 63, 69, 72, 7107, 14, 21,
28, 76, 7227, 40, 86 (32 shots)
Two (2) previous sets of Abo perf
were squeezed off : 6901-7331'
and 6898-7325'