
EDDY

ARCO OIL & GAS CO.

Empire

241 Empire Abo Unit "J"

Sec 6, T18S, R28E

NM

Page #2

2-27-81 TD 6325; PBD 6257; Trip
DOC to 6325
Cmt plug @ 6257
Whipstock Zenith @ 6228
3-6-81 TD 6325; Drlg by @ 6266
Mud wt 8.5, vis 47
3-16-81 TD 6325; Drlg by @ 6261
Mud wt 8.6, vis 43
Stuck whipstock @ 6276, Jarred free
Re-set whipstock @ 6257 & Drld off
3-23-81 Drlg 6328
Mud wt 8.6, vis 39
3-30-81 TD 6386; LDDP
4-7-81 TD 6386; Prep Acid

5-4-6 NM

4-10-81 TD 6386; Swbg
Acid (6228-6386) 3000 gals
Swbd 22 1/2 BLW w/tr Oil in 8 hrs (6228-6386)
4-15-81 TD 6386; Swbg
Acid (6228-6386) 500 gals
Swbd 26 BLO + 43 BLW in 8 hrs (6228-6386)
4-24-81 TD 6386; Ppg
Ppd 85 BW + 65 MCFGPD in 20 hrs (6228-6386)
4-28-81 TD 6386; WOSP
Ppd 34 BO + 30 BW + 36 MCFGPD in 24 hrs
(6228-6386)
5-18-81 TD 6386; Complete
LOG TOP: Abo Reef 6030
LOGS RUN: DILL, MLAT, CNL, FDC, GRL, CALP,
CBND, CCL, MSMG
BHT 120 deg @ 6313
Rig Released 2-8-81
5-23-81 COMPLETION ISSUED

5-4-6 NM

IC 30-015-70467-80

COUNTY EDDY FIELD Empire STATE NM
 OPR ARCO OIL & GAS CO. API 30-015-23547
 NO 241 LEASE Empire Abo Unit "J" MAP
Sec 6, T18S, R28E COORD
1950 FNL, 660 FEL of Sec 5-4-6 NM
14 mi SW/LoCo Hills SPD 1-3-81 CMP 4-28-81

CSC

16-30-Set
 9 5/8-980-450 sx
 7-6228-1475 sx
 2 3/8-6127

WELL CLASS: INIT D FIN DO LSE CODE			
FORMATION	DATUM	FORMATION	DATUM
TD 6386 (ABRF)		PHD	

IP (Abo Reef) OH 6228-6386 P 34 BOPD + 30 BW. Pot based on
 24 hr test. GOR 1059; gty 44

CONTR Marc #791 OPERATE 3657 CL, 3671 KB, 6350 RI

F.R. 12-8-80
 (Abo Reef)

1-12-81 Drlg 2220
 1-16-81 TD 4742; TOH w/plugged bit
 1-23-81 Drlg 5644
 Mud wt 9, vis 29
 1-29-81 Drlg 6140
 Mud wt 9.3, vis 34
 2-5-81 TD 6325; Prep DST
 DST-SP (Abo Reef) 6080-6172, rec 1000 FT MUD, Pkrs
 failed
 2-9-81 TD 6325; WOCU
 DST-SP (Abo Reef) 6060-85, op 14 mins @ 62-no build
 mis-run
 DST (Abo Reef) 6145-70, op 16 mins @ 62, no build,
 Mis-run
 DST (Abo Reef) 6165-90, op 15 mins @ 42, no build
 rec Mud, mis-run
 2-23-81 TD 6325; Prep DOC 5-4-6 NM

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LAND OFFICE		
TRANSPORTER	OIL	1
	GAS	1
OPERATOR		1
PRORATION OFFICE		

NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
Supersedes Old C-104 and C-110
Effective 1-1-85

RECEIVED

APR 30 1981

O. C. D.

ARTESIA, OFFICE

I. Operator ARCO Oil & Gas Company
Division of Atlantic Richfield Co.

Address P.O. Box 1710, Hobbs, New Mexico 88240

Reason(s) for filing (Check proper box)

New Well ☒ Change in Transporter of:
Recompletion ☐ Oil ☐ Dry Gas ☐
Change in Ownership ☐ Casinghead Gas ☐ Condensate ☐

Other (Please explain)

If change of ownership give name
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name <u>Empire Abo Unit "J"</u>	Well No. <u>241</u>	Pool Name, Including Formation <u>Empire Abo</u>	Kind of Lease State, Federal or Fee <u>State</u>	Lease No. <u>647-320</u> <u>647-363</u> <u>647-368</u>
Location Unit Letter <u>H</u> ; <u>1950</u> Feet From The <u>North</u> Line and <u>660</u> Feet From The <u>East</u> Line of Section <u>6</u> Township <u>18S</u> Range <u>28E</u> , NMPM, <u>Eddy</u> County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/> <u>AMOCO Pipeline Co.</u>	Address (Give address to which approved copy of this form is to be sent) <u>76102</u> <u>2300 Continental Nat'l Bk Bldg. Ft. Worth, TX</u>	
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> <u>AMOCO Production Co.</u> <u>Phillips Petroleum Co.</u>	Address (Give address to which approved copy of this form is to be sent) <u>P.O. Box 38, Hobbs, NM 88240</u> <u>400 Penbrook, Odessa, TX 79762</u>	
If well produces oil or liquids, give location of tanks.	Unit <u>P</u>	Sec. <u>31</u>
	Twp. <u>17S</u>	Rge. <u>28E</u>
	Is gas actually connected? <u>Yes</u> When <u>4-21-81</u>	

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well <input checked="" type="checkbox"/>	Gas Well <input type="checkbox"/>	New Well <input checked="" type="checkbox"/>	Workover <input type="checkbox"/>	Deepen <input type="checkbox"/>	Plug Back <input type="checkbox"/>	Same Res'v. <input type="checkbox"/>	Diff. Res'v. <input type="checkbox"/>
Date Spudded <u>1-31-81</u>	Date Compl. Ready to Prod. <u>4-21-81</u>		Total Depth <u>6386'</u>		P.B.T.D.			
Elevations (DF, RKB, RT, GR, etc.) <u>3657.2' GR</u>	Name of Producing Formation <u>Abo Reef</u>		Top Oil/Gas Pay <u>6224'</u>		Tubing Depth <u>6127'</u>			
Perforations <u>Open Horizontal Drainhole 6224-6386'</u>					Depth Casing Shoe <u>6228'</u>			
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
<u>12-1/4"</u>	<u>9-5/8" OD</u>		<u>980'</u>		<u>450</u>			
<u>8-3/4"</u>	<u>7" OD</u>		<u>6228'</u>		<u>1475</u>			
	<u>2-3/8" OD</u>		<u>6127'</u>					

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks <u>4-12-81</u>	Date of Test <u>4-28-81</u>	Producing Method (Flow, pump, gas lift, etc.) <u>Pump</u>	
Length of Test <u>24 hrs</u>	Tubing Pressure <u>---</u>	Casing Pressure <u>---</u>	Choke Size <u>---</u>
Actual Prod. During Test <u>64 bbls</u>	Oil-Bbls. <u>34</u>	Water-Bbls. <u>30</u>	Gas-MCF <u>36</u>

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pitot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

W.D. McDaniel H. W. Schindt
(Signature)
Dist. Drlg. Supt.
(Title)
4-29-81
(Date)

OIL CONSERVATION COMMISSION

APPROVED MAY 01 1981, 19
BY W.A. Gressett
TITLE SUPERVISOR, DISTRICT II

This form is to be filed in compliance with RULE 1104.
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.
All sections of this form must be filled out completely for allowable on new and recompleted wells.
Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.
Separate Forms C-104 must be filed for each pool in multiply