

ARCO
DEPARTMENT

CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE NEW MEXICO 87501

RECEIVED

Form C-103
Revised 10-1

OWNER	
OPERATOR	☒
LAND OFFICE	
OPERATOR	

DEC 04 '87

O. C. D.
SANTA FE, NEW MEXICO

5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No.
7989

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO OPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT - " (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL ☐ GAS WELL ☐ OTHER- Salt Water Disposal
2. Name of Operator ARCO Oil and Gas Co.
Division of Atlantic Richfield Co.
3. Address of Operator
P.O. Box 1710, Hobbs, N M 88240
4. Location of Well
UNIT LETTER N 990 FEET FROM THE South LINE AND 1650 FEET FROM
THE West LINE, SECTION 16 TOWNSHIP 18S RANGE 27E NMPM.

7. Unit Agreement Name
Empire Abo Unit
8. Farm or Lease Name
Empire Abo Unit T
9. Well No.
6
10. Field and Pool, or Wildcat
EMPIRE Abo

11. Elevation (Show whether DF, RT, GR, etc.)
DF 3435'

12. County
Eddy

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 OPER. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	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.

MIRU DDP. Bleed well. Install BOP, may need to kill well, use up to 10.0# brine 1st. Unset prk & POH. Tally out w/2-3/8" work string. GIH w/drillable CIBP to 2980'. Set CIBP @ 2980'. Unlatch from CIBP & POH w/1 jt. Pump 35 bbl treated 8.6# brine (2 gal WT-675/10 bbl) until circ is established to surf (+/-33.6 bbl). Close csg valve & pressure test csg to 500# f/15 min. a) If test is OK, POH, LD tbg, leave 1 jt hanging on B-1 bonnet. SI tbg valve. RDCL. b) If test fails, POH & PU prk, GIH to 1000' & set prk, test csg. 1) Continue unsetting & setting prk until approx footage of hole is found. Get w/Engr Dept f/evaluation of well.

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

SIGNED Mike Williams TITLE Services Supv. DATE 12-2-87
Original Signed By
Mike Williams
APPROVED BY Oil & Gas Inspector DATE DEC 4 1987
CONDITIONS OF APPROVAL, IF ANY:

Unit or lease	EMPIRE ABO Unit "T"	Well number	6	Date	1-13-88
Field	EMPIRE ABO	District	SOUTH CENTRAL		
County or parish	EDDY	Province or state	N.M.		
Contractor	Pool Well Service				
Auth. or W.O. No.		Title	TEMPORARILY ABANDON		

TD 5985'	Perfs: 3276- 3360' (YESO)	
CIBP SET @ 3820' w/35' CEMENT		
CIBP SET @ 3560'		
1-13-88		
RU HOT Oil Unit To Kill well. PUMPED 17 BPW Down Tbg. STARTED PRESSURING UP. Bled BACK To HOT Oil Unit 7 BPW. Well DEAD. MIRRU DDPW N/D w/H N/A BOP. UNSEAT PACKER POH w/ 97 JTS Tbg, S.N., Guiberson Packer, + 6 JTS Tbg. Pickup Guiberson CIBP w/Running Tool RTH w/102 JTS, CIBP Running Tool, + CIBP. POH w/ 5 JTS. Tbg Laying Down IN Singles. SET CIBP @ 2981.31' R/Pu Pump Truck Circulate BACK To Surface w/35 Barrels 8.6* brine w/WT-675 Chemical. Close IN CSG. Press UP To 500* Held For 20 minutes No Pressure Loss. POH w/Tbg. Laying down in Singles. NO BOP N/A w/H w/ 1 JT. 2 3/8" EVE 8th J-55 Tbg. ON w/H FLANGE. RDBL.		
CIBP SET @ 2981.31'		
1 JT. 2 3/8" EVE 8th J-55 Tbg. 31.65'		
	DDPW 7 Hrs.	
	OPER + 3 man 7 Hrs.	

Time distribution - hours	Morn.	Day	Eve.
Rig up and tear down			
Drilling normal			
Directional drilling			
Reaming			
Trips to change bit			
Drilling with partial returns			
Combating lost circulation			
Conditioning mud and circulating			
Fishing			
Deviation survey			
Lubricate rig			
Cut off drilling line			
Repair rig			
Test casing or B.O.P.			
Side wall			
Conventional			
Diamond			
Wire line			
Drill stem test open hole			
Wire line logging open hole			
Plugging back			
Running casing and cementing			
Waiting on cement			
Logging cased hole			
Perforating			
Wire line information test cased hole			
Drill stem test cased hole			
Testing			
Swabbing			
Acidizing			
Fracturing			
Tubing trips			
Other			
Totals			

Time summary	Day work	Hours w/dp	Hours wo/dp	Hours standby	Total day work
Shoe					
Set joint					
Collar					
Joints pipe					
Total					
Rkb to					
Depth set					

Signed Samuel Wolfenbarger

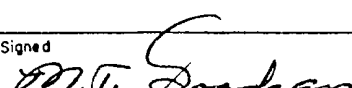
Convert to SWD
Permian District

**W.O. Completion
Report - Daily**

Well	FAU T #6			Size & depth last CSG		AFE #		Days since MI		Date	
Contractor	Cobra Riq. #5			45" @ 5983		830551		2		6-11-87	
Next planned operation	Run CIBP - amt. - pers.			Daily cost		Accum. cost this oper.		Total accum. cost this AFE			
				5985		5210		8 1/2		24	
				1525		6745		6745			
Mud Data	☐ Pit	Wt	Vis.	P.V./Y.P.	Gels.	Ph.	W.L.	Cnt.	Hardness	Sol.	Oil
	☐ Flow line	Wtr.	—	—	—	—	—	—	—	—	—
Pump Data	Number & type	Liner size x stroke		SPM	GPM	P.S.I.	Noz. vel.	A.V. - D.P.	A.V. - D.C	Slow pump rate & press	
	—	—		—	—	—	—	—	—	—	
Bit number	Size	Make	Type	SN	Jets	Depth out	Footage	Hours	Avg. ROP	RPM	Wt. - M lb
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
Work String Data	W.S.O.D.	Conn	Grade	Wt./ft.	Length	Vendor	Accidents		Date lost test		
—	2 3/8"	Eu 8rd	N-80	4.7	—	Arco	—		—		
—	—	—	—	—	—	—	None		6-10		
Bottom hole Assembly	Length	Description									
—	—	—									

Time	Hours	Operations from 0600 to 0600
0630-0700	.50	check press, tag bottom, make conn.
0700-0900	2.00	Drill cont. 1541' to 1650'.
0900-0930	.50	Circ. hole, test #2" csg. 1000". Ok. R.D reverse unit.
0930-1030	1.00	G1H w/ w/s to 3900'
1030-1100	.50	Circ. hole clean
1100-1200	1.00	POH w/ bit-scraper, lay down OC's.
1200-1230	.50	RU Bell to log.
1230-1400	1.50	Run GR-CC from 3800' to 3,000' corr. w/ Welby LA log dated 12-9-60. POH.
1400-1500	1.00	Prepare to run CIBP. Knocked out down hole power supply on w/h truck. Have to get another truck, it was in Brownfield. Pick up Bell lub., test to 1000". Ok. R.D letco reverse unit, release. R.D Bell truck. SIOX.
		(2 3/8" Eu 8rd J-53 tbg. 1PC w/ TK 75 in Oklahoma. Will take 2 days for delivery)
Total	8.50	

☐ Check if summary on back

Signed 

Tue

ARCO Oil and Gas Company

Clean out
Permian DistrictW.O. Completion
Report - Daily

Well EQU T-6				Size & depth last CSG 4 1/2" @ 5983'		AFE# 830551		Days since MI 1		Date 6-10-87		
Contractor Cobra Rig - 5				TO 5985'		PBD 1541'		Hrs. Oper Daily 12 1/2		Accumulated hrs. this op 15 1/2		
Next planned operation Drill cont.				Daily cost 4295		Accum. cost this oper. 5220		Total accum cost this AFE 5220				
Mud Data	☐ Pit ☐ Flow line	Wt. Wtr.	Vis.	PV/Y.P.	Gels.	Ph.	W.L.	Chl.	Hardness	Sol.	Oil	RTMP at 100psi 500psi
Pump Data	Number & type		Liner size x stroke		SPM	GPM	P.S.I.	Noz. vel.	A.V. - D.P.	A.V. - D.C.	Slow pump rate & press.	
Bit number	Size	Make	Type	SN	Jets	Depth out	Footage	Hours	Avg. ROP	RPM	Wt. - M lb.	Condition
Work String Data		W.S.O.D.	Conn	Grade	Wt./ft.	Length	Vendor	Accidents		Date last E test		
48		2 3/8"	8rd	N-80	4.7	1484'	Arco	None		6-9-		
Bottom hole Assembly		Length	Description Bit - scraper - X-over - 2 DCs - X-over.									

Time	Hours	Operations from 0600 to 0600
0700-0800	1.00	Unpad tbg. RU to run tbg.
0800-0900	1.00	Petro stuck in mud moving to loc.
0900-1500	6.00	GIH w/ blade bit, scraper, 2 DCs, 2 3/8" EU 8rd N-80 w/8. Wash cont. amt. from 300' to 700'. Drill amt. from 700' 1422'. Test 4 1/2" CSG. 1000' 15min. OK.
1500-1930	4.50	Drill 1422' to 1541' hard amt. 510X. (Pickups 1st)
Total		12.50
Signed		<i>M.T. Goudge</i>

☐ Check if summary on back