Form 3160-5	_					Form approved. Budget Bureau N	Ja 1004 0135	
(November 1983)		INITED STATE IENT OF THE		Other instructions o		Expires August	31, 1985	
(Formerly 9-331)		- -	_	(verse side)	- 1	5. LEASS DESIGNATION		
	BUREAU	J OF LAND MANA	GEMENT		-	14-20-604-1951	<u> </u>	
SUN	DRY NOTIO	CES AND REP	ORTS ON	I WELLS		6. IF INDIAN, ALLOTTEE	OR TRIBE NAME	
(Do not use this	form for proposa Use "APPLICA"	is to drill or to deepe FION FOR PERMIT—"	n or plug back for such propo	to a different reservoir.		Navajo-Ute Mou	ıntain	
OIL CAS WELL	Π				- 1	7. UNIT AGREEMENT HAS		
2. NAME OF OPERATOR	OTHER	 				Horseshoe Gall		
ARCO Oil & Gas	Company.	Division of A	Atlantic	Richfield		Horseshoe Gall	=	
3. ADDRESS OF OPERATOR				ici ici d		9. WHILL NO.	ир	
300 N. Pecos,	Midland, 7	Texas 79701				188		
4. LOCATION OF WELL (R See also space 17 belo	eport location cle	arly and in accordance	with any Sta	te requirements.*		10. FIELD AND POOL, OR WILDCAT		
At surface	,	•				Horseshoe Gall		
Umit (ICI) 1000						11. BEC., T., R., M., OR BI SURVEY OR ARMA	LK. AND	
Unit "F", 1025) f/East	lines, Section	33		1			
14. PERMIT NO.		15. BLEVATIONS (Show	-harbas 55 55	00 40		Sec. 33, T-31N		
II. IBRAIL NO.		5653'	whether or, at,	GR, etc.)	- 1			
		<u>'</u>		· · · · · · · · · · · · · · · · · · ·	<u>-</u>	San Juan	NM	
16.	Check App	propriate Box To In	idicate Nati	ire of Notice, Report,	or Otl	her Data		
*	OTICE OF INTENT	ION TO:	1		BUBQUBI	NT REPORT OF:		
TEST WATER SHUT-OF	PI PI	CLL OR ALTER CASING		WATER SHUT-OFF		REPAIRING W	.	
FRACTURE TREAT		ULTIPLE COMPLETE		FRACTURE TREATMENT		ALTERING CA	<u> </u>	
SHOOT OR ACIDIZE	A1	BANDON®	X	SHOOTING OR ACIDIZING		ABANDONMEN	r•	
REPAIR WELL	CI	HANGE PLANS		(Other)				
(Other) 17. DESCRIBE PROPOSED OR PROPOSED TO THE PROPOSED TO				Completion or Re	ecomplet:	multiple completion of lon Report and Log fort	n.)	
was originally as a Lower Gal rate to operat producing appr	completed lup producte, and was coximately table againt.	d in November, cer. Producti s shut in duri 1/2 BOPD. We in in the futu	1960 by on from ng May, do not re and,	ndon the subject El Paso Natura this well declin 1966. At that foresee product therefore, record. OCT 09 1	l Gas ned t time, ion f mmend	Products Comp o an uneconomi this well was rom this well permanent plu	any cal	
18. I bereby certify that SIGNED Steam (This space for Feder	Thomas .	TIT		uction Engineer		DATE 9-25	-84	
CONDITIONS OF AP	PROVAL, IF AN	TI:	FLE			. DATE		

HORSESHOE GALLUP UNIT PRODUCING WELLS PLUGGING AND ABANDONMENT PROCEDURE

- 1) Move pumping unit off location.
- 2) MIRU. Pull rods and downhole pumping equipment.
- 3) RIH below the bottom perforation w/tbg. open ended. Pump sufficient cement inside casing to cover top perforation by 50'.
- 4) POH w/tbg. GIH w/wireline and perforate casing as specified by New Mexico Oil Commission. Number of shots should be sufficient to allow cement squeeze. POH w/wireline. GIH w/tbg. open ended. Squeeze cement to provide plug inside and outisde of casing to surface.
- 5) POH w/tbg. Cut casing one foot below ground level. Weld a blind flange to casing, and weld a dry hole marker on blind flange. Fill hole and move off.
- 8) Rehabilitate location and access road using stipulations supplied by the Bureau of Land Management.



HORSESHOE-GALLUP FIELD

WELL COMPLETION FORM Parseshed Balleys
HORSESHOE-GALLUP FIELD

Juan County, New Mexico

188 San Juan County, New Mexico El Paso Natural Gas Products Company

LEASE NAME: Hors	eshoe Uto	<u> </u>				1	, '4		
Well Number: 12	:	ocation	2035	From	North				
	<u></u> _		3280	From	East				
	9	ection -	33	T 31N		R	16W		
	_					-``	1011		
Elevation RKB:	5658			G.L	5646				
Date Completed	6-1	2-59							
Casing depth, size	type,	weight	1636 - 5-1/2	'' (1 55 - 15	5, 50)				
Cement record, typ	oe, quant	ity	50 Sax 50/50 P			lloce	le/Sak		
Total Depth1	637			Plug B	ack Depth	1	525		
Type Logs Run	ND - ES	}			• .				
Top of Lower Gall:	ip Correl	ation Poi	int RKB:		Datu	n :			
Producing Horizon,	(Upper)	(immercy),	the percentage	rd Tocito)				
Cored Intervals Fr				To					
	"Oπ			To				 -	
	10m			To					
	.ow			To					
Original Completio	n Interv	al: Perfo			en Hole_				
(Check Appropriate			54	Tc 149	4		With_	80	
		From		To			With_		
		From		To			With		
nterval & Descri		11		CAUS	Оноке				
		05 			Tubing Fl	owin	z Press		PSI
	jane in	101.	. 10				-		
	ή.	ेर <u>149</u>)	50F (95L)	Pump Size	1	25/32		
	•	er ring	₹ % \$1#08# 1	erigtin 14	4 3pm 2+				
WORKSVERS: Date	WORK TER	•	n printe.						
Current We'l Foten (Based on 24 Hrs.) Date of Well Poten Remarks:	6	CR4	1.97 18 1/60	SCPD SCF/BBL					

1497' of 2" EUE, J55, Tubing - 1-25/32 WB @ 1462'

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—" for such proposals.) 7. UNIT ADRESSMENT MANS Horseshoe Gallup Unit	(May 1963)	DEPAR	MENT OF THE		SUBMIT i GOME.	Per 1	Budget Bureau No.	42-R1434	
SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for propagation of college on the table form of propagation of college on the table form for propagation of college on the table form of propagation of college on the table form of the table form of table form	DEPAR (MENT OF THE INTERIOR TOTAL DIESE				- 1				
CDN and use this form for proposal to develop or place tack the different reservoir. CONTROLL CONTROL CONTR							& IF INDIAN, ALLOTTED OR TRIBE NAME		
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Actional Parameters Actional Richfield Company A	1.					7.	BMAK THEMSERDA TINU		
Atlantic Richfield Company A appears or pression B about Incoln Street, Suite 501, Denver, Colorado B 20203 B about No. B about No	MELT B MBTT	OTHER				1	Horseshoe Gallup Unit		
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1860 Lincoln Street, Suite 501, Denver, Colorado 80203 188			mpany)	
See also specified bollows. At earlier and bollows. It. Repairs No. It. Repa						1			
Horseshoe Gallup II. BENTATIONS (Show whether M. ET. CA. CAS.) Sec. 33-31N-16W Sec. 33-31N-16W III. BENTATIONS (Show whether M. ET. CA. CAS.) Sec. 33-31N-16W Sec. 33-31N-16W Sec. 33-31N-16W Check Appropriate Box To Indicate Noture of Notice, Report, or Other Data Sortice or interestor to: TEST WATER BEDT-OFF FOLL OR ALTER CASING BENTATION ACCOUNTS TRANSPORTED TRANSPORTED TO THE SHOOT OR ACCOUNTS TRANSPORTED TRA									
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Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data ***POTICE OF INTERTION TO: ***TEST WATER BROT-OFF*** ***PACTURE TRANT**** ***PACTURE TRANT**** ***PACTURE TRANT**** ***PACTURE TRANT**** ***PACTURE TRANT**** ***PACTURE TRANT***** ***PACTURE TRANT**** ***PACTURE TRANT**** ***PACTURE TRANT**** ***PACTURE TRANT**** ***PACTURE TRANT***** ***PACTURE TRANT**** ***PACTURE TRANT***** ***PACTURE TRANT***** ***PACTURE TRANT***** ***PACTURE TRANT***** ***PACTURE TRANT***** ***PACTURE TRANT**** ***PACTURE TRANT*** ***PACTURE TRANT**** ***PACTURE TRANT**** ***PACTURE TRANT**** ***PACTURE TRANT*** ***PACTURE TRANTTENT** ***PACTURE TRANTTENT** ***PACTURE TRANTTENT** ***PACTURE TRANTTENT** ***PACTURE TRANTTENT** ***PACTURE TRANTTENT** *					• • •	1		-	
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Title Special Parts of State office use) To complete the Report and Log form.) To complete the Report and Log form.) To complete the Report and Log form.) This well was producing approximately 1/2 BOPD and was not economical to operate. The well was shut in May 1966. This well is in a large Unit which is now under waterflood operations. Future plans are to conduct waterflood and tertiary recovery studies. These studies may result in a revised waterflood plan or in a tertiary recovery program that may require the use of this well in order to recover the maximum amount of oil from this reservoir. Two copies sent to New Mexico Oil Conservation Commission The copies sent to New Mexico Oil Conservation Commission The copies sent to New Mexico Oil Conservation Manager A Walther, Jr. TITLE Operations Manager DATE DATE		لــا	CHANGE PLANS						
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(This space for Federal or State office use) APPROVED BY	18. I hereby certify th	at the foregoing					DATE 6/04/76		
APPROVED BY TITLE DATE	W	A. Walther	Jr						
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	APPROVED BY _			TITLE			DATE		

STATE OF NEW MEXICO



ENERGY AND MINERALS DE. ARTMENT

OIL CONSERVATION DIVISION AZTEC DISTRICT OFFICE

BRUCE KING COVERIOR

BRADENHEAD & PACKER TEST REPORT FOR INJECTION & SWD WELLS (Submit 2 copies to above address) BRADENHEAD TEST

1000 RIO BRAZE AZIEC, NEW MEX (505) 334·6

LARRY KEHOE SECRETARY

2 4-10 - 86	Operator ARCO
	Sec 33 Twnp 3/2ng /
Tbg Inj. PressureTbg	SI Pressure Csq. Pressure
Interrodiate Pres Brac	denha ed Pres
If Bradenhead has pressure, flow at 5 minute intervals.	to atmosphere for 30 minutes and record casine press
CASING PRESSURE	BRADENHEAD FLOWED
5 HIN	Steady Flow
10 HIN	Surces
15 HIN	Down to Nothing
20 KIR	Nothing
25 1/18	Gas
30 HIH	
REMARKS:	
	PACKER TEST
If casing has pressure, flow to	atmosphere for 30 minutes and record tubing pressure
at 5 minute intervals.	REMARKS: REGEIVED
TUBING PRESSURE	'APRI D 1986
5 KIN	
10 MIR	OIL CON. DIV.
15 MIN	BY: Dolla beekman
20 HIN	POSITION ENG. VETIT.
25 KIN	
70 PIN	WITHESS CALCUM L DINGE

