#### UNITED STATES

#### DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Sundry Notices	and Reports on Well	ls	
		5.	Lease Number NM-04075
1. Type of Well GAS		6.	If Indian, All. or Tribe Name
		7.	Unit Agreement Name
2. Name of Operator MERIDIAN OIL			
		8.	Well Name & Number Arco Hill #2
Address & Phone No. of Operator	7/00 /505\ 326_0700	9.	
PO Box 4289, Farmington, NM 87	1499 (303) 320-9100	J.	30-039-23914
4 Location of Well, Footage, Sec.	T, R, M	10.	Field and Pool
-970'FSL, 990'FWL, Sec.22, T-25-N			West Lindrith Gal/DK
		11.	County and State Rio Arriba Co, NM
- CANCEL ADDRODDE ME DOW TO TANK OF	AME NAMEDO OF NOMECE	DEDODM OMUER	DATIA
12. CHECK APPROPRIATE BOX TO INDICATOR Type of Submission	Type of Ac		DRIA
	Abandonment	Change of Pla	ans
	- Recompletion -	New Construct	cion
Subsequent Report	Plugging Back _	Non-Routine	racturing
Final Abandonment	Casing Repair Altering Casing	Water Shut of Conversion to	
Final Abandonment	Other -		, injection
13. Describe Proposed or Complete	ed Operations		
It is intended to plug and all procedure and wellbor		ell according to	the attached
			and the second of the second o
		:	
		₽.	CARRENA
		ילין	<b>S</b> UM MARKET
			JUN 1 3 1998
		@[]	L Geel doz, Del e
m6/6/96			
Signed Stathield	regoing is true and (ROS9) Title Regulato	ry Administrato	r_Date 5/15/96
(This space for Federal or State of APPROVED BY	Nice use) Title		JUN 1 1 1996
CONDITION OF APPROVAL, if any: Surface its fortun legue	vincents in enclo	sed Ite	
surface us Tough	Ç. <b>V</b> . C .	<i>5</i> 0.	

# Arco Hill #2 Lindrith Gallup Dakota SW, Section 22, T-25-N, R-3-W Rio Arriba Co., New Mexico

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures.

- 1. Install and test location rig anchors. Prepare blow pit. Comply to all NMOCD, BLM, and Meridian safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line. Blow down well and kill with water as necessary. ND wellhead and NU BOP. Test BOP.
- 2. POH and tally 2-7/8" tubing (261 joints, 8212'); visually inspect the tubing. If necessary, PU 2-3/8" workstring. Run 5-1/2" gauge ring to 8150' or as deep as possible.
- 3. Plug #1 (Dakota formation, 8150' 8080'): PU 5-1/2" wireline set bridge plug and RIH; set at 8150'. PU 5-1/2" cement retainer and RIH; tag bridge plug. Pump 50 bbls water. Mix and pump 13 sx Class B cement and spot a balanced plug inside casing above the bridge plug to isolate the Dakota formation. POH with retainer to 7080'.
- 4. Plug #2 (Gallup perforations and top, 7080' 6927'): Set 5-1/2" cement retainer at 7080'. Pressure test tubing to 1000#. Load casing with water and pressure test to 500#. Mix 21 sx Class B cement and spot above retainer covering the Gallup perforations. POH to 5478'.
- 5. Plug #3 (Mesaverde top, 5478' 5378'): Mix 16 sx Class B cement and spot a balanced plug inside casing to cover Mesaverde top. POH to 3817'.
- 6. Plug #4 (Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops, 3817' 3302'): Mix 57 sx Class B cement and spot a balanced plug inside casing to cover Ojo Alamo top. POH.
- 7. Plug #5 (Nacimiento top, 1770' 1670'): Perforate 3 HSC squeeze holes at 1770'. Establish rate into squeeze holes if casing tested. PU 5-1/2" cement retainer and RIH; set at 1720'. Establish rate into squeeze holes. Mix 59 sx Class B cement, squeeze 43 sx cement outside casing and leave 16 sx inside casing. POH and LD tubing.
- 8. Plug #6 (575' Surface): Perforate 3 HSC squeeze holes at 575'. Establish circulation out bradenhead valve. Mix and pump approximately 189 sx Class B cement down 5-1/2" casing, circulate good cement out bradenhead valve. Shut in well and WOC.
- ND BOP and cut off wellhead below surface casing flange. Install P&A marker to comply with regulations. RD, MOL, cut off anchors, and restore location.

Recommended: Stanful Jy
Operations Engineer

Approval:

**Production Superintendent** 

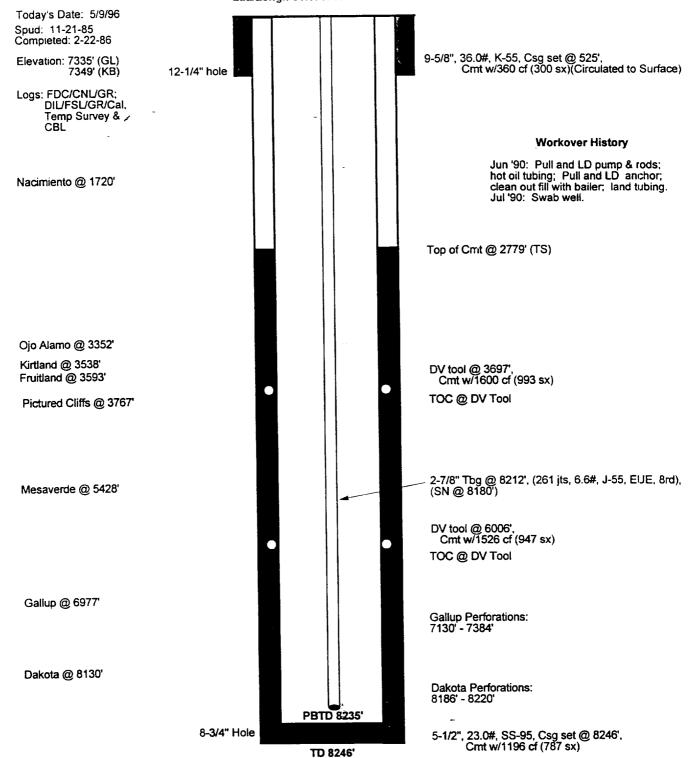
İ	
į	
•	

### Arco Hill #2

#### Current

Lindrith Gallup Dakota 970' FSL, 990' FWL SW Section 22, T-25-N, R-3-W, Rio Arriba County, NM

Lat/Long.: 36.378769 / 107.137421



Initial Potential	Production History	<u>Gas</u>	<u>Oil</u>	Owne	ership	<u>Pipeline</u>	-
Initial AOF: N/A Current SICP: N/A	Cumulative: Current:	0.0 MMcf 0.0 Mcf/d	0.2 Mbo 0.0 bbls/d	GWI: NRI: TRUST:	100.00% 75.00% 00.00%	EPNG	

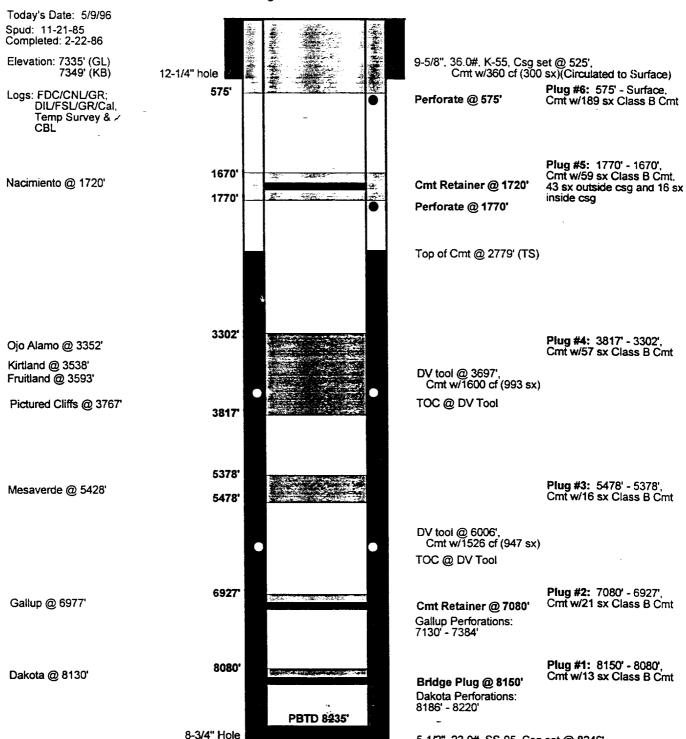
!	

## Arco Hill #2

# Proposed P&A Lindrith Gallup Dakota

970' FSL, 990' FWL SW Section 22, T-25-N, R-3-W, Rio Arriba County, NM

Lat./Long.: 36.378769 / 107.137421



Initial Po	tential	Production History	Gas	<u>Oil</u>	Owne	ership	<u>Pipeline</u>
Initial AOF: Current SICP:	N/A N/A	Cumulative: Current:	0.0 MMcf 0.0 Mcf/d	0.2 Mbo 0.0 bbis/d	GWI: NRI: TRUST:	100.00% 75.00% 00. <b>0</b> 0%	EPNG

TD 8246'

5-1/2", 23.0#, SS-95, Csg set @ 8246', Cmt w/1196 cf (787 sx)

#### CONDITIONS OF APPROVAL FOR PERMANENT ABANDONMENT

Operator	MERIDIAN OIL	Well Name	ARCO HILL #2

- 1. Plugging operations authorized are subject to the "General Requirements for Permanent Abandonment of Wells on Federal Leases."
- 2. For wells on Federal leases, Al Yepa with the Cuba Field Office is to be notified at least 24 hours (48 hours if possible) before the plugging operations commence. His phone number is (505) 289-3748. Office hours are 7:45 a.m. to 4:30 p.m.

For wells on Jicarilla leases notify Erwin Elote with the Jicarilla Apache Tribe at least 24 hours (48 hours if possible) before the plugging operations commence. His phone number is (505) 759-3242.

- 3. Blowout prevention equipment is required.
- 4. The following modifications to your plugging program are to be made :NONE