

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number SF-078483A Unit Reporting Number
1b. Type of Well GAS	6. If Indian, All. or Tribe
2. Operator MERIDIAN OIL 14538	7. Unit Agreement Name Allison Unit ✓
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name 6785 Allison Unit Com 9. Well Number 105 ✓
4. Location of Well 1835' FNL, 1540' FEL Latitude 36° 57.3, Longitude 107° 31.9	10. Field, Pool, Wildcat 71629 Basin Fruitland Coal 11. Sec., Twn, Rge, Mer. (NMPM) G Sec 26, T-32-N, R-7-W API # 30-045-29385 ✓
14. Distance in Miles from Nearest Town 4.5 miles to Allison	12. County San Juan 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1540'	
16. Acres in Lease	17. Acres Assigned to Well 320 N/2 ✓
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 400'	
19. Proposed Depth 3439'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6526' GR	22. Approx. Date Work will Start July 1996
23. Proposed Casing and Cementing Program See Operations Plan attached	DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"
24. Authorized by: <u>[Signature]</u> Regulatory/Compliance Administrator	5-28-96 Date

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

OIL CON. DIV

Archaeological Report Submitted by Arboles Contract Archaeology Technical Report #884 dated 04-30-96  
Threatened and Endangered Species Report to be submitted  
NOTE: APD approved 05-20-88 and 03-02-90 at 1500' FNL, 1840' FEL Sec 26, T-32-N, R-7-W  
NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

APPROVED  
AS AMENDED

JUN 03 1996

DISTRICT MANAGER

NMOCD

District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
PO Drawer DD, Artesia, NM 88211-0719  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised February 21, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

RECEIVED  
JUN 23 AM 12:27

☐ AMENDED REPORT

070 PARLINGTON, NM  
WELL LOCATION AND ACREAGE DEDICATION PLAT

1 AFI Number 30-045-29385		2 Pool Code 71629		3 Pool Name Basin Fruitland Coal		
4 Property Code 6785		5 Property Name Allison Unit Com			6 Well Number 105	
7 OGRID No. 14538		8 Operator Name MERIDIAN OIL INC.			9 Elevation 6526'	

10 Surface Location

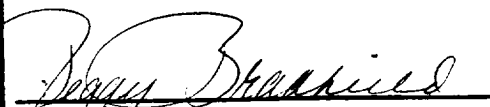
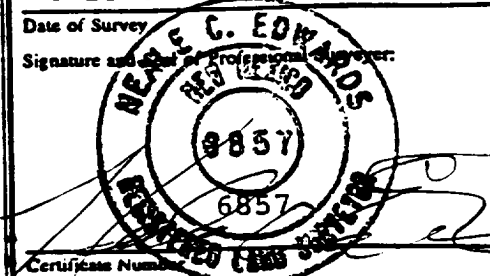
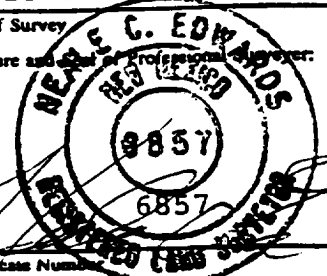
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	26	32 N	7 W		1835	North	1540	East	S.J.

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

12 Dedicated Acres N/320	13 Joint or Infill	14 Consolidation Code	15 Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<div>16</div> <div>5351.94'</div> <div>NMSF-078472</div> <div>5160.54'</div> <div>26</div> <div>5312.34'</div> <div>RECEIVED JUN 10 1996 OIL CON. DIV. DIST. 3</div>		<div>17 OPERATOR CERTIFICATION</div> <div>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</div> <div> Signature Peggy Bradfield Printed Name Regulatory Administrator Title 5-28-96 Date</div> <div>18 SURVEYOR CERTIFICATION</div> <div>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</div> <div>4-23-96 Date of Survey</div> <div> Signature and Seal of Professional Surveyor</div> <div> Certificate Number</div>
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OPERATIONS PLAN

**Well Name:** Allison Unit Com #105  
**Location:** 1835' FNL, 1540' FEL Section 32, T-32-N, R-7-W  
 Latitude 36° 58.5, Longitude 107° 50.2  
 San Juan County, NM  
**Formation:** Basin Fruitland Coal  
**Elevation:** 6526' GL

Formation:	Top	Bottom	Contents
Surface	San Jose	2345'	
Ojo Alamo	2345'	2458'	aquifer
Kirtland	2458'	3067'	
Fruitland	3067'	3184'	gas
Fruitland Coal	3184'	3440'	gas
Pictured Cliffs	3440'		
Total Depth	3439'		

**Logging Program:** Mud logs from 3142' to Total Depth.

**Coring Program:** none

**Mud Program:**

Interval	Type	Weight	Vis.	Fluid Loss
0- 200'	Spud	8.4-9.0	40-50	no control
200-2992'	Non-dispersed	8.4-9.0	30-60	no control
2992-3439'	Air Mist			

**Casing Program:**

Hole Size	Depth Interval	Csg. Size	Wt.	Grade
12 1/4"	0' - 200'	9 5/8"	32.3#	H-40
8 3/4"	0' - 3142'	7"	20.0#	K-55
6 1/4"	2992' - 3439'	5 1/2"	15.5#	K-55

**Tubing Program:**

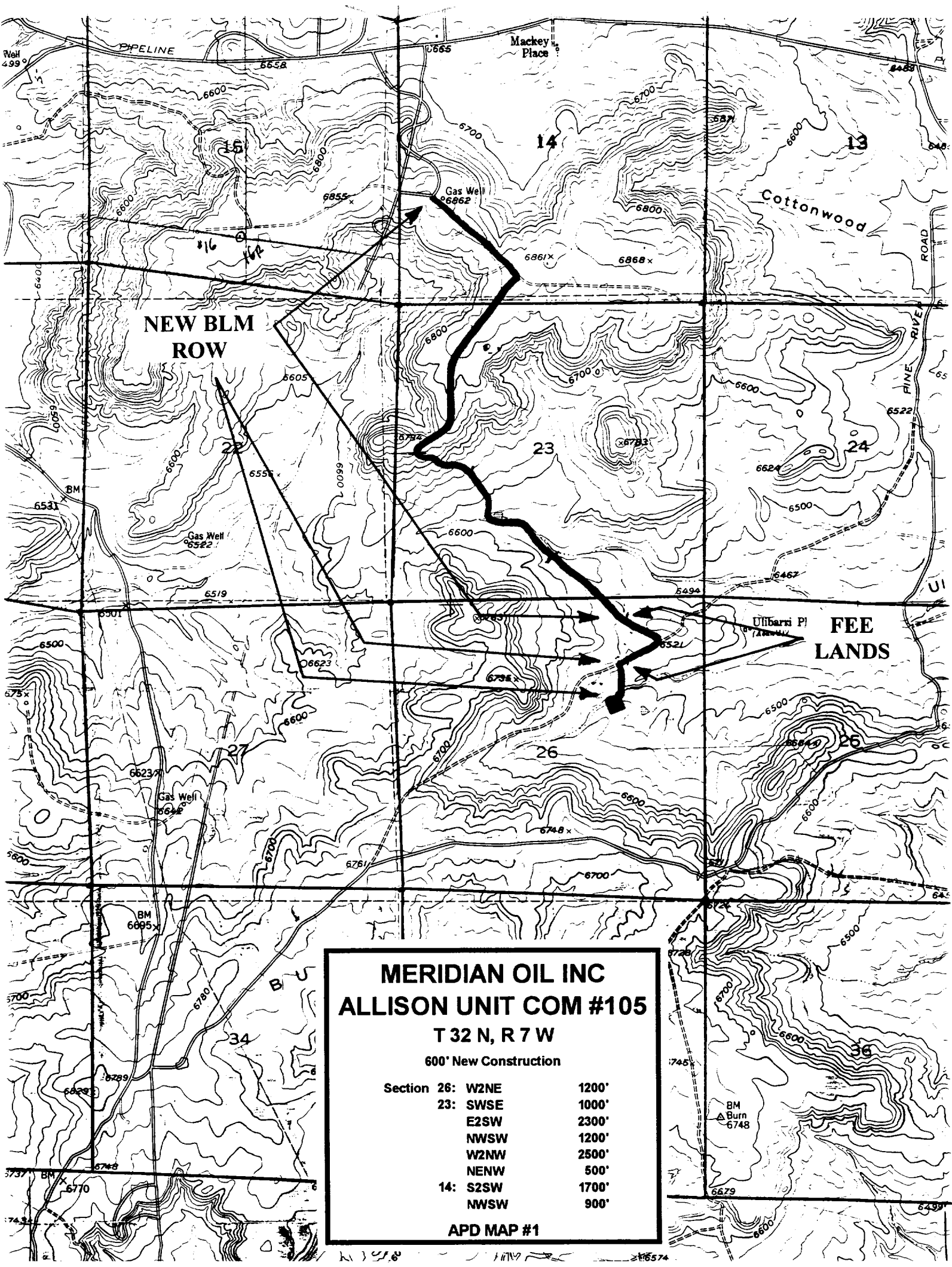
0' - 3439'	2 3/8"	4.7#	J-55
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**Float Equipment:** 9 5/8" surface casing - saw tooth guide shoe. Centralizers will be run in accordance with Onshore Order #2.

7" intermediate casing - guide shoe and self-fill insert float valve. Three centralizers run every other joint above shoe. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 2458'. Standard centralizers thereafter every fourth joint up to the base of the surface pipe.

5 1/2" production casing - float shoe on bottom and pre-drilled liner run to the 7" casing with a minimum 50' overlap. Liner hanger is a double slip grip type.

**Wellhead Equipment:** 9 5/8" x 7" x 2 3/8" x 11" 3000 psi xmas tree assembly.



**MERIDIAN OIL INC**  
**ALLISON UNIT COM #105**

**T 32 N, R 7 W**

**600' New Construction**

Section 26:	W2NE	1200'
23:	SWSE	1000'
	E2SW	2300'
	NWSW	1200'
	W2NW	2500'
	NENW	500'
14:	S2SW	1700'
	NWSW	900'

**APD MAP #1**