

30-045-27898

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BUREAU OF LAND MANAGEMENT

JUN 10 PM 2:16

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL	5. LEASE NUMBER SF-078626
1b. TYPE OF WELL GAS	6. IF INDIAN, ALL. OR TRIBE NAME
2. OPERATOR MERIDIAN OIL INC.	7. UNIT AGREEMENT NAME SAN JUAN 32-9 UNIT
3. ADDRESS & PHONE NO. OF OPERATOR P O BOX 4289 FARMINGTON, NM 87499	8. FARM OR LEASE NAME SAN JUAN 32-9 UNIT
4. LOCATION OF WELL 790' FSL 1285' FWL	9. WELL NO. 261
14. DISTANCE IN MILES FROM NEAREST TOWN 8 MILES E OF CEDAR HILL	10. FIELD, POOL, OR WILDCAT BASIN FRUITLAND COAL
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE. 790'	11. SEC. T. R. M OR BLK. SEC. 10 T31N R09W NMPM
16. ACRES IN LEASE 17. ACRES ASSIGNED TO WELL 312.32	12. COUNTY SAN JUAN
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL DR. COMPL., OR APPLIED FOR ON THIS LEASE. 350'	13. STATE NM
19. PROPOSED DEPTH 3484'	20. ROTARY OR CABLE TOOLS ROTARY
21. ELEVATIONS (DF, FT, GR, ETC.) 6593' GL	22. APPROX. DATE WORK WILL START
23. PROPOSED CASING AND CEMENTING PROGRAM *SEE OPERATIONS PLAN	
24. AUTHORIZED BY: <u>Danny Boone for JWC</u> REG. DRILLING ENGR.	

This action is subject to technical and
proposed review pursuant to 43 CFR 3160.3
and appeal pursuant to 43 CFR 3160.4.

RECEIVED

JUN 25 1990

OIL CON. DIV.
DIST. 3

5-8-90
DATE

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY _____ TITLE _____ DATE _____

APPROVED
JUN 14 1990
AREA MANAGER

NOTE: THIS FORMAT IS ISSUED IN LIEU OF US BLM FORM 3160-3.

NMOOD

Well Name: 261 SAN JUAN 32-9 UNIT
 Sec. 10 T31N R09W
 BASIN FRUITLAND COAL

790' FSL 1285' FWL
 SAN JUAN NEW MEXICO
 Elevation 6593' GL

Formation tops: Surface- SAN JOSE
 Ojo Alamo- 2177
 Kirtland- 2234
 Fruitland- 3025
 Fruitland Coal Top- 3267
 Fruitland Coal Base- 3481
 Intermediate TD- 3247
 Total Depth- 3484
 Pictured Cliffs- 3491

Logging Program: Mud logs from intermediate to total depth.

Mud Program:	Interval	Type	Weight	Visc.	Fl. Loss
	0 - 200	Spud	8.4 - 8.9	40-50	no control
	200 - 3247	Non-dispersed	8.4 - 9.1	30-60	no control
	3247 - 3484	Formation Water	8.4		no control

Casing Program:	Hole Size	Depth Interval	Csg. Size	Weight	Grade
	12 1/4"	0 - 200	9 5/8"	32.3#	H-40
	8 3/4"	0 - 3247	7"	20.0#	K-55
	6 1/4"	3197 - 3484	5 1/2"	15.5#	K-55
Tubing Program:		0 - 3484	2 7/8"	6.5#	J-55

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 and four centralizers run every other joint across Ojo Alamo. Run insert float one joint above the guide shoe.

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

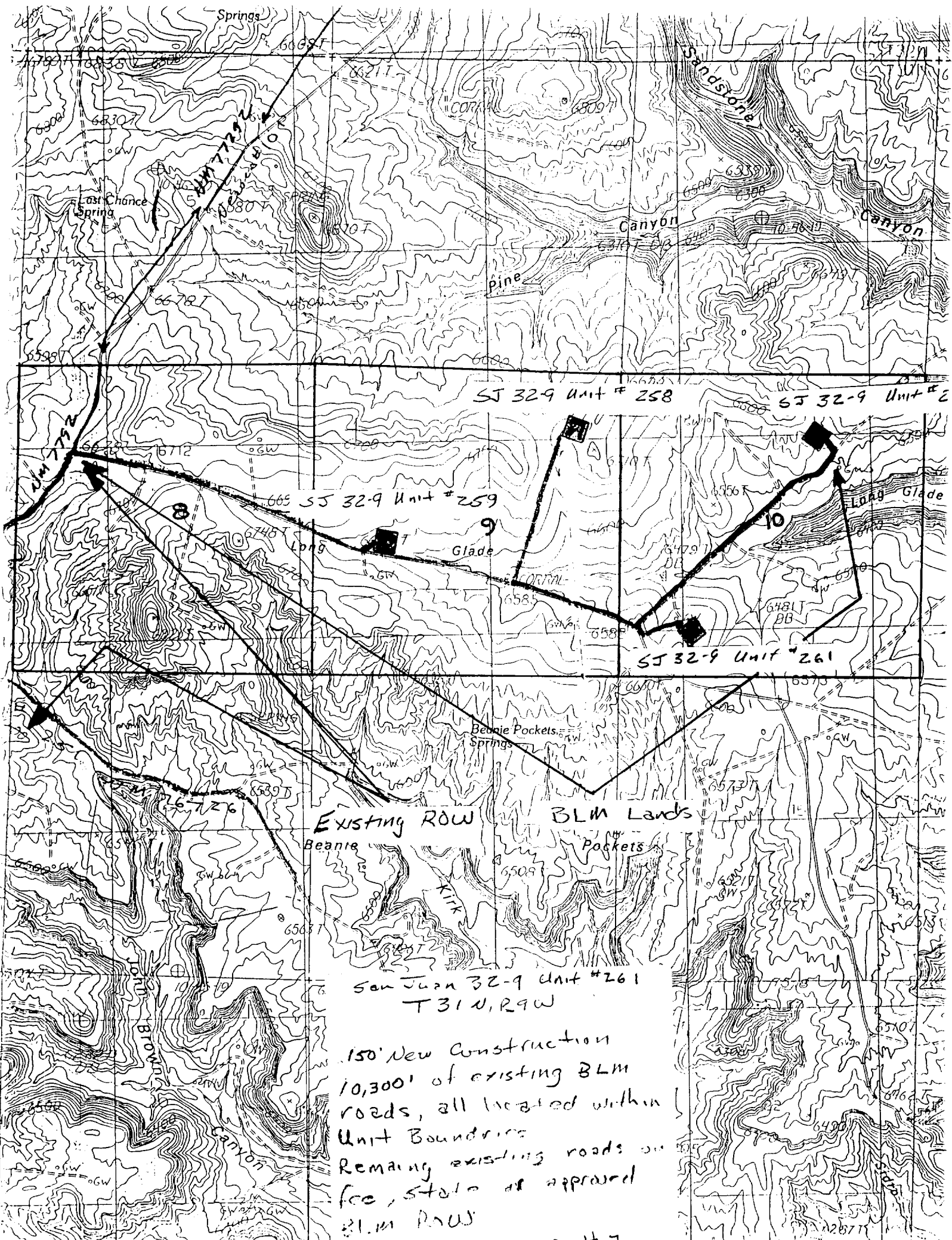
Wellhead Equipment: 9 5/8" x 7" x 2 7/8" x 11" 3000 psi xmas tree assembly.

Cementing:

9 5/8" surface casing - cement with 160 sacks of class "B" cement with 1/4# flocele/sack and 3% calcium chloride (189 cu ft. of slurry, 200% excess to circulate to surface). WOC 12 hours. Test casing to 600 psi for 30 minutes.

7" intermediate casing - lead with 475 sacks of 65/35 class "B" poz with 6% gel, 2% calcium chloride and 1/2 cu ft. Perlite/sack (10.3 gallons of water/sack) tail with 100 sacks of class "B" with 2% calcium chloride. 1035 cu ft. of slurry, 110% excess to circulate to surface. WOC 12 hours.

5 1/2" liner - do not cement.



Existing ROW

BLM Lands

San Juan 32-9 Unit #261
T31N, R9W

150' New Construction
10,300' of existing BLM
roads, all located within
Unit Boundaries
Remaining existing roads on
fee, state or approved
BLM ROW

map #7