

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-078415A Unit Reporting Number
1b. Type of Well GAS	6. If Indian, All. or Tribe
2. Operator BURLINGTON RESOURCES Oil & Gas Company	7. Unit Agreement Name
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name Day 9. Well Number 2B
4. Location of Well 1255' FNL, 1890' FWL, Latitude 36° 44.6, Longitude 107° 40.9	10. Field, Pool, Wildcat Blanco Mesaverde 11. Sec., Twn, Rge, Mer. (NMPM) C Sec. 9, T-29-N, R-8-W API # 30-045-30034
14. Distance in Miles from Nearest Town 9 miles from Blanco	12. County San Juan 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1255'	17. Acres Assigned to Well 320 W/2
16. Acres in Lease	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 1500'	
19. Proposed Depth 5727'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6460' GR	22. Approx. Date Work will Start
23. Proposed Casing and Cementing Program See Operations Plan attached	DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"
24. Authorized by: <i>Suey Cole</i> Regulatory/Compliance Administrator	10-12-99 Date

PERMIT NO. _____ APPROVAL DATE **DEC 01 1999**
APPROVED BY _____ TITLE _____ DATE **12/2/99**

Archaeological Report to be submitted

Threatened and Endangered Species Report to be submitted

NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or presentations as to any matter within its jurisdiction.

OK

NIMOOD

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

OIL CONSERVATION DIVISION

PO Box 208899
Santa Fe, NM 87504-2088-2

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-30034		*Pool Code 72319 ✓	*Pool Name Blanco Mesaverde
*Property Code 6946	*Property Name DAY		*Well Number 2B
*GRID No. 14538 ✓	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY		*Elevation 6460'

¹⁰ Surface Location

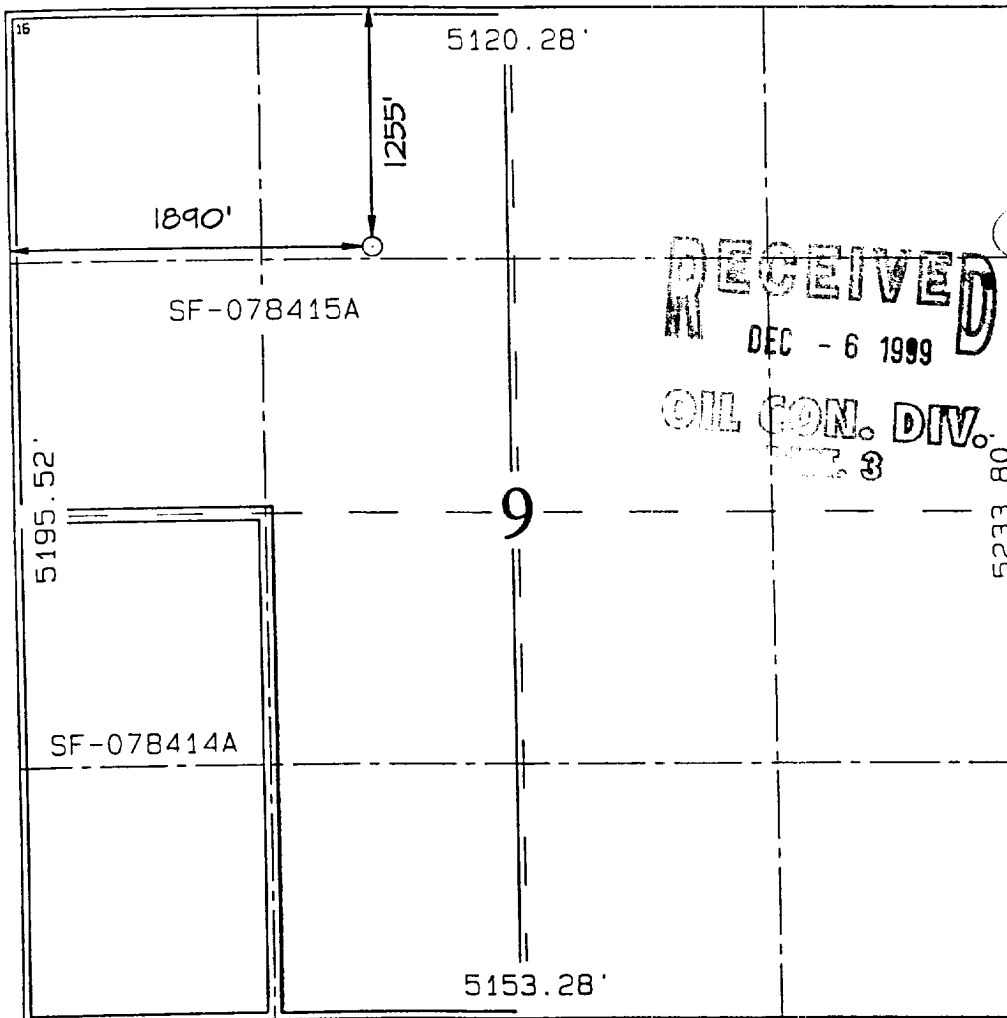
UL or lot no.	Section	Township	Range	Lot 10h	Feet from the	North/South line	Feet from the	East/West line	County
C	9	29N	8W		1255	NORTH	1890	WEST	SAN JUAN

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot 10h	Feet from the	North/South line	Feet from the	East/West line	County

¹² Dedicated Acres W/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



¹⁷ OPERATOR CERTIFICATION

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

Peggy Cole
Signature
Peggy Cole
Printed Name
Regulatory Administrator
Title
10-12-99
Date

¹⁸ SURVEYOR CERTIFICATION
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.

AUGUST 24, 1999
Date of Survey
Signature and Seal of Professional Surveyor

NEALEC EDWARDS
NEW MEXICO
6857
RECEIVED
Certificate Number 6857

OPERATIONS PLAN

Well Name: Day #2B
Location: 1255' FNL, 1890' FWL Section 9, T-29-N, R-8-W
San Juan County, New Mexico
Latitude 36° 44.6, Longitude 107° 40.9
Formation: Blanco Mesa Verde
Elevation: 6460' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2064'	
Ojo Alamo	2064'	2234'	aquifer
Kirtland	2234'	2698'	
Fruitland	2698'	3147'	gas
Pictured Cliffs	3147'	3263'	gas
Lewis	3263'	4107'	gas
Chacra	4107'	4652'	gas
Cliff House	4652'	4748'	gas
Massive Cliff House	4748'	4903'	gas
Menefee	4903'	5327'	gas
Point Lookout	5327'		gas
Total Depth	5727'		

Logging Program:

Mud Logs/Coring/DST -
Mud logs - none
Coring - Lewis Cores @ 3884-3994', 4101-4161', 4260-4320'
DST - none
Wireline - GR, SP, AIT, ML, CNL, CDL, FMI, DPS, CMR

Mud Program:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Vis.</u>	<u>Fluid Loss</u>
0- 320'	Spud	8.4-8.9	40-50	no control
320-5727'	LSND	8.4-9.1	30-60	no control

Pit levels will be visually monitored to detect gain or loss of fluid control.

Casing Program:

<u>Hole Size</u>	<u>Depth Interval</u>	<u>Csg. Size</u>	<u>Wt.</u>	<u>Grade</u>
12 1/4"	0' - 320'	8 5/8"	24.0#	K-55
7 7/8"	0' - 5727'	4 1/2"	10.5#	K-55

Tubing Program:

0' - 5727' 2 3/8" 4.7# J-55 EUE

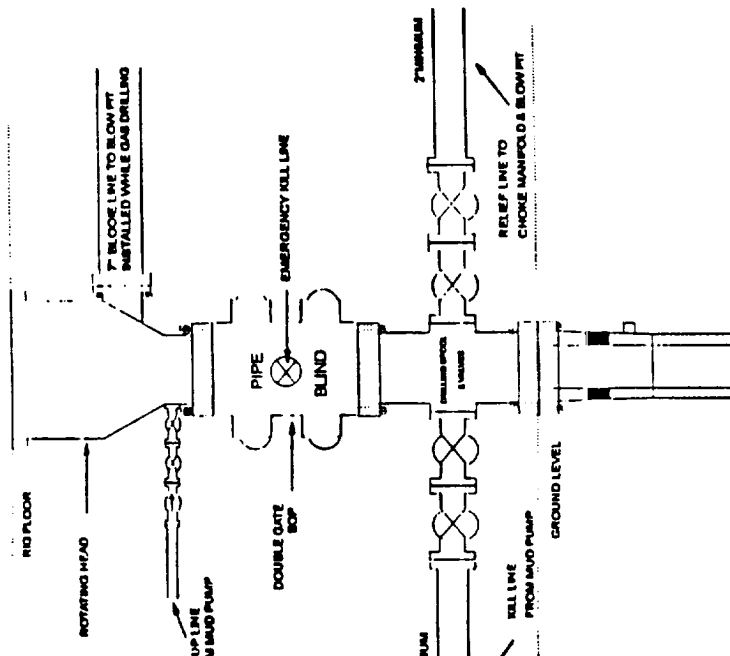
BOP Specifications, Wellhead and Tests:

Surface to TD -

11" 2000 psi minimum double gate BOP stack (Reference Figure #1).
After nipple-up prior to drilling out surface casing, rams and casing will be tested to 600 psi for 30 minutes.

2" nominal, 2000 psi minimum choke manifold (Reference Figure #3).

BOP Configuration 2M psi System

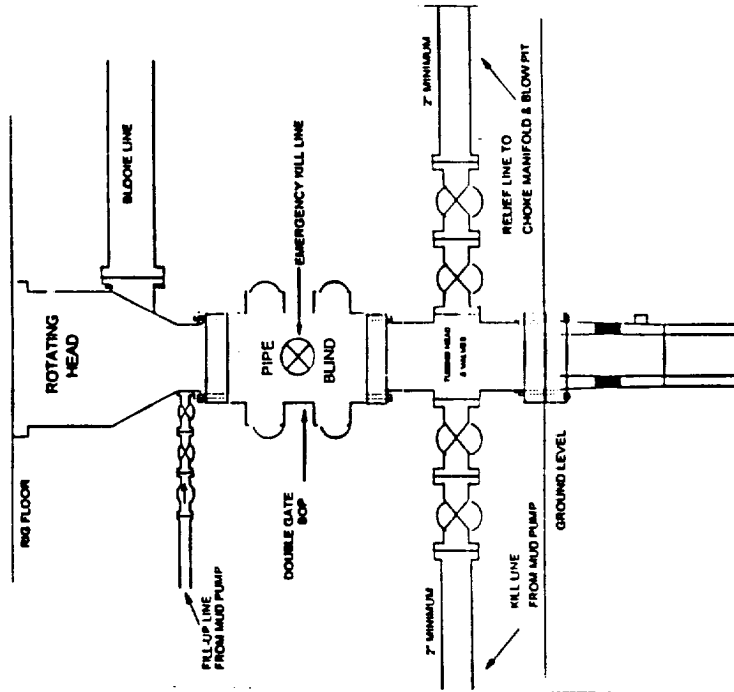


Bore, 2000psi minimum working pressure double gate BOP to be equipped with blind and pipe rams. A Schaeffer Type 50 or equivalent rotating head to be installed on top of the BOP. All equipment is 2000psi working pressure or better.

FIGURE #1

BURLINGTON RESOURCES

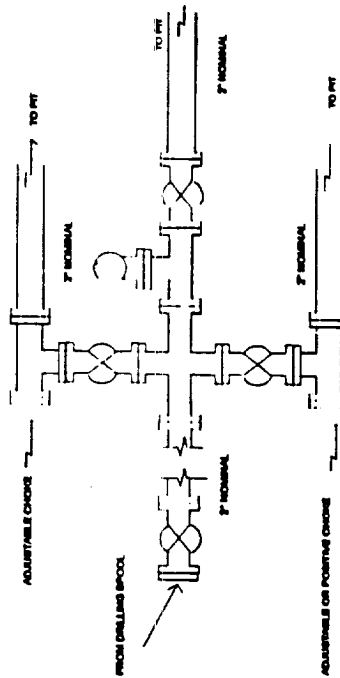
BOP Configuration 2M psi System



Minimum BOP installation for Completion operations. 7 1/16" Bore (8" Nominal), 2,000 psi minimum working pressure double gate BOP to be equipped with blind and pipe rams.

FIGURE #2

Choke Manifold Configuration 2M System



Minimum choke manifold installation from surface to Total Depth. 2" minimum, 2000psi working pressure equipment with two chokes.

Figure #3

BURLINGTON RESOURCES OIL & GAS COMPANY DAY #2B

1255' FNL & 1890' FWL, SECTION 9, T29N, R8W, N.M.P.M.

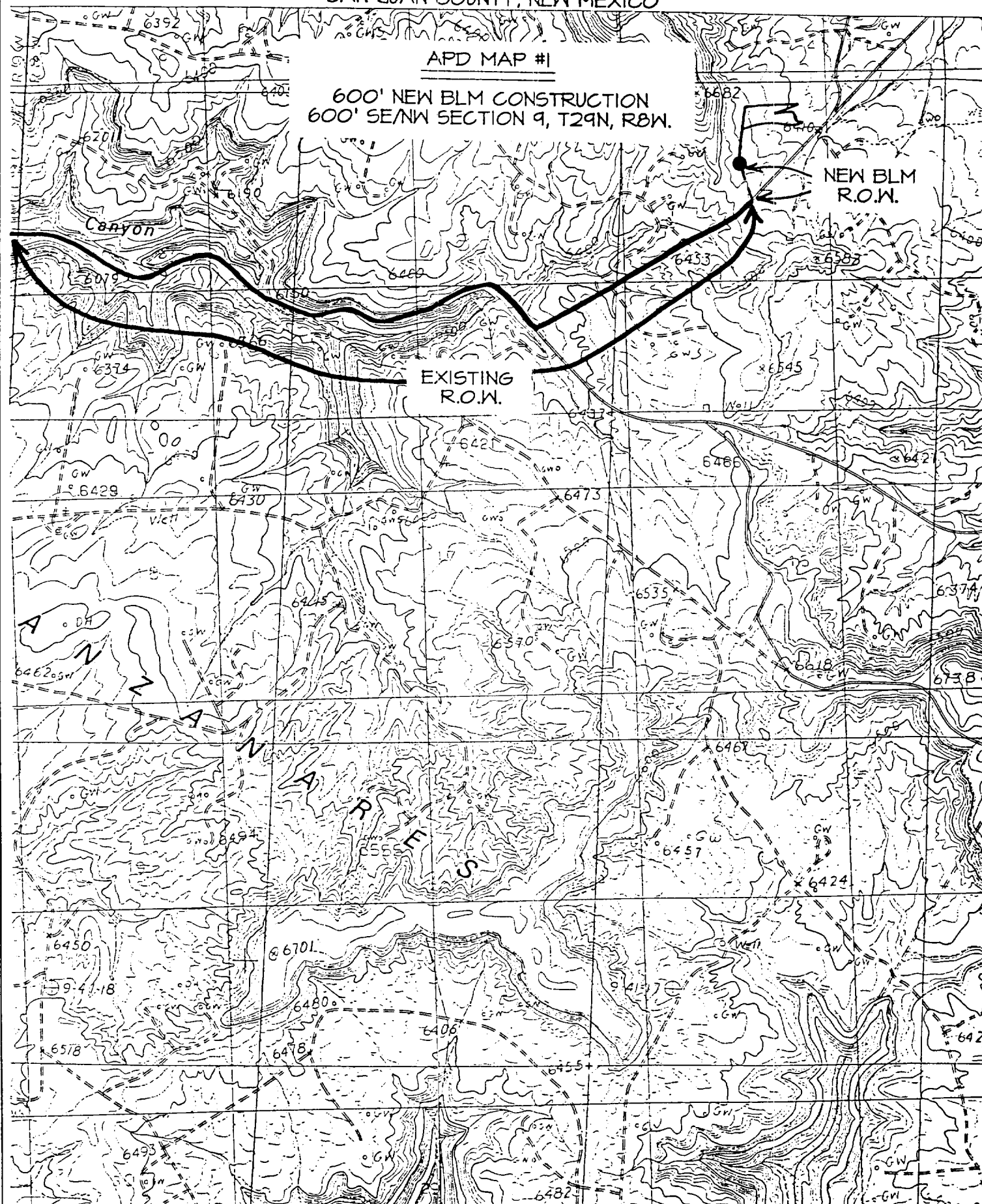
SAN JUAN COUNTY, NEW MEXICO

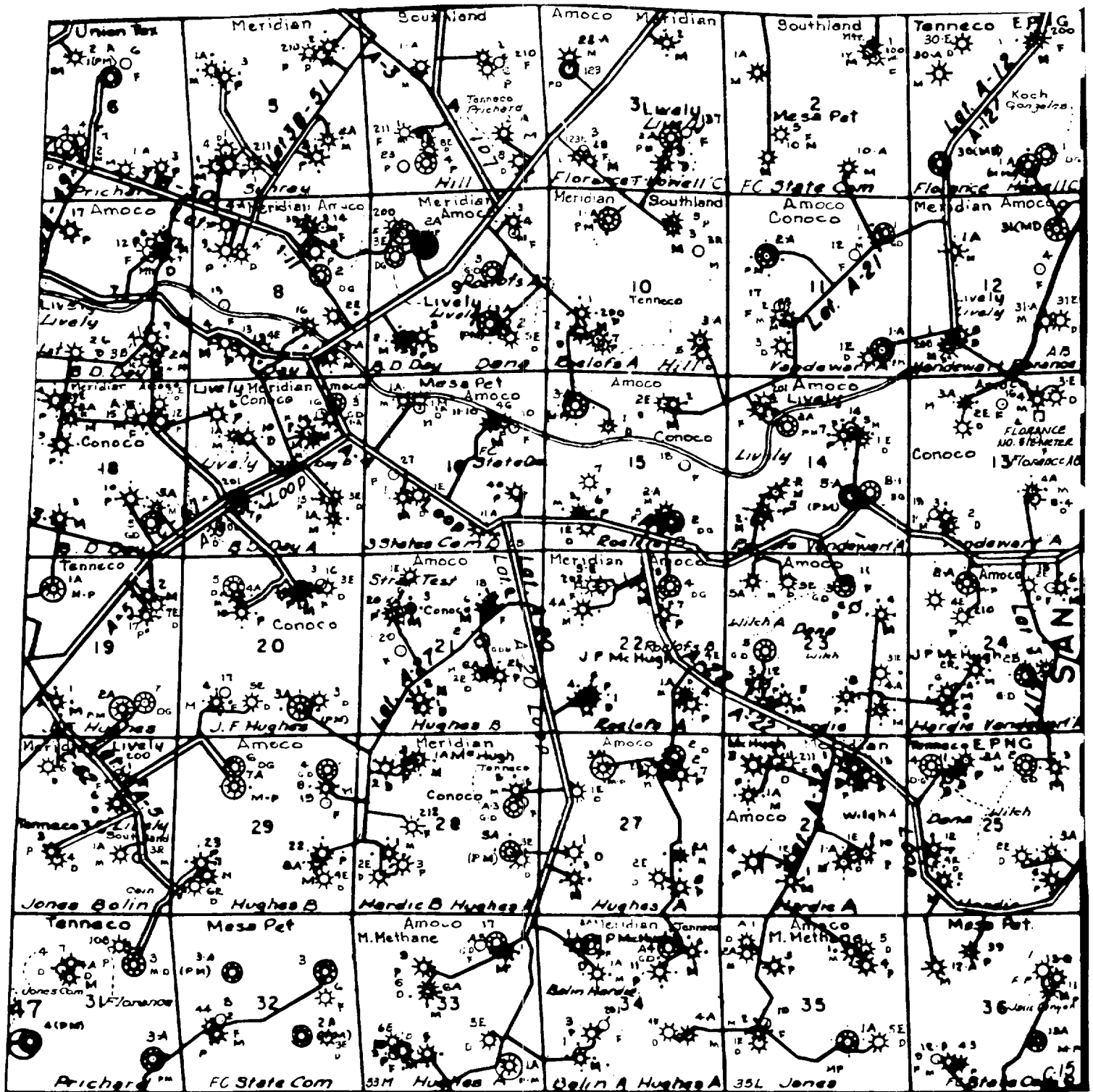
APD MAP #1

600' NEW BLM CONSTRUCTION
600' SE/NW SECTION 9, T29N, R8W.

NEW BLM
R.O.W.

EXISTING
R.O.W.





MERIDIAN OIL INC.
 Pipeline Map
 T-29-N, R-08-W
 San Juan County, New Mexico
 Day #2B
 Map 1A