

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

RECEIVED

NOV 23 1990

OIL CON. DIV.
DIST. 3

1a. TYPE OF WORK PLUG BACK	5. LEASE NUMBER Jicarilla Apache Tribal Contract #120
1b. TYPE OF WELL GAS	6. IF INDIAN, ALL. OR TRIBE NAME Jicarilla Apache
2. OPERATOR Meridian Oil Inc.	7. UNIT AGREEMENT NAME
3. ADDRESS & PHONE NO. OF OPERATOR P.O. BOX 4289 FARMINGTON, NM 87499 (505) 326-9700	8. FARM OR LEASE NAME Jicarilla 120 C
4. LOCATION OF WELL 1850' FNL, 1650' FEL	9. WELL NO. #11
14. DISTANCE IN MILES FROM NEAREST TOWN	10. FIELD, POOL, OR WILDCAT BASIN FRUITLAND COAL
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE.	11. SEC. T. R. M OR BLK. Section 32, T26N, R04W
16. ACRES IN LEASE	12. COUNTY Rio Arriba
17. ACRES ASSIGNED TO WELL 320.00	13. STATE NM
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL DR. COMPL., OR APPLIED FOR ON THIS LEASE.	20. ROTARY OR CABLE TOOLS
21. ELEVATIONS (DF, FT, GR, ETC.) 6790' GL	22. APPROX. DATE WORK WILL START
23. PROPOSED CASING AND CEMENTING PROGRAM	
*SEE OPERATIONS PLAN	
24. AUTHORIZED BY: <i>[Signature]</i> REGULATORY AFFAIRS	DATE 10-22-90

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

NOTE: THIS FORMAT IS ISSUED IN LIEU OF US BLM FORM 3160-3. APPROVED
(NO ADDITIONAL DIRT WORK WILL BE REQUIRED) AS AMENDED

[Signature]

NMOOD

NOV 06 1990
[Signature]
AREA MANAGER

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Meridian Oil Inc.			Lease (Jic.Cont #120) Jicarilla 120 C			Well No. 11		
Unit Letter G	Section 32	Township 26 North	Range 4 West	County NMPM		Rio Arriba		
Actual Footage Location of Well: 1850 feet from the North line and 1650 feet from the East line								
Ground level Elev. 6790'		Producing Formation Fruitland Coal		Pool Basin		Dedicated Acreage: 320 Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or backbone marks on the plat below.

2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?

☐ Yes ☐ No If answer is "yes" type of consolidation

If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary).

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.

Not resurveyed
Prepared from plat
By: Stephen H. Kinney
Dated: July 25, 1957

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DIST. 3

OPERATOR CERTIFICATION

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

Signature
Peggy Bradfield
Printed Name
Regulatory Affairs
Position
Meridian Oil Inc.
Company

Date

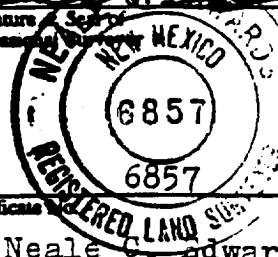
SURVEYOR CERTIFICATION

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 knowledge and belief.

July 25, 1957

Date Surveyed

Signature
Professional Surveyor

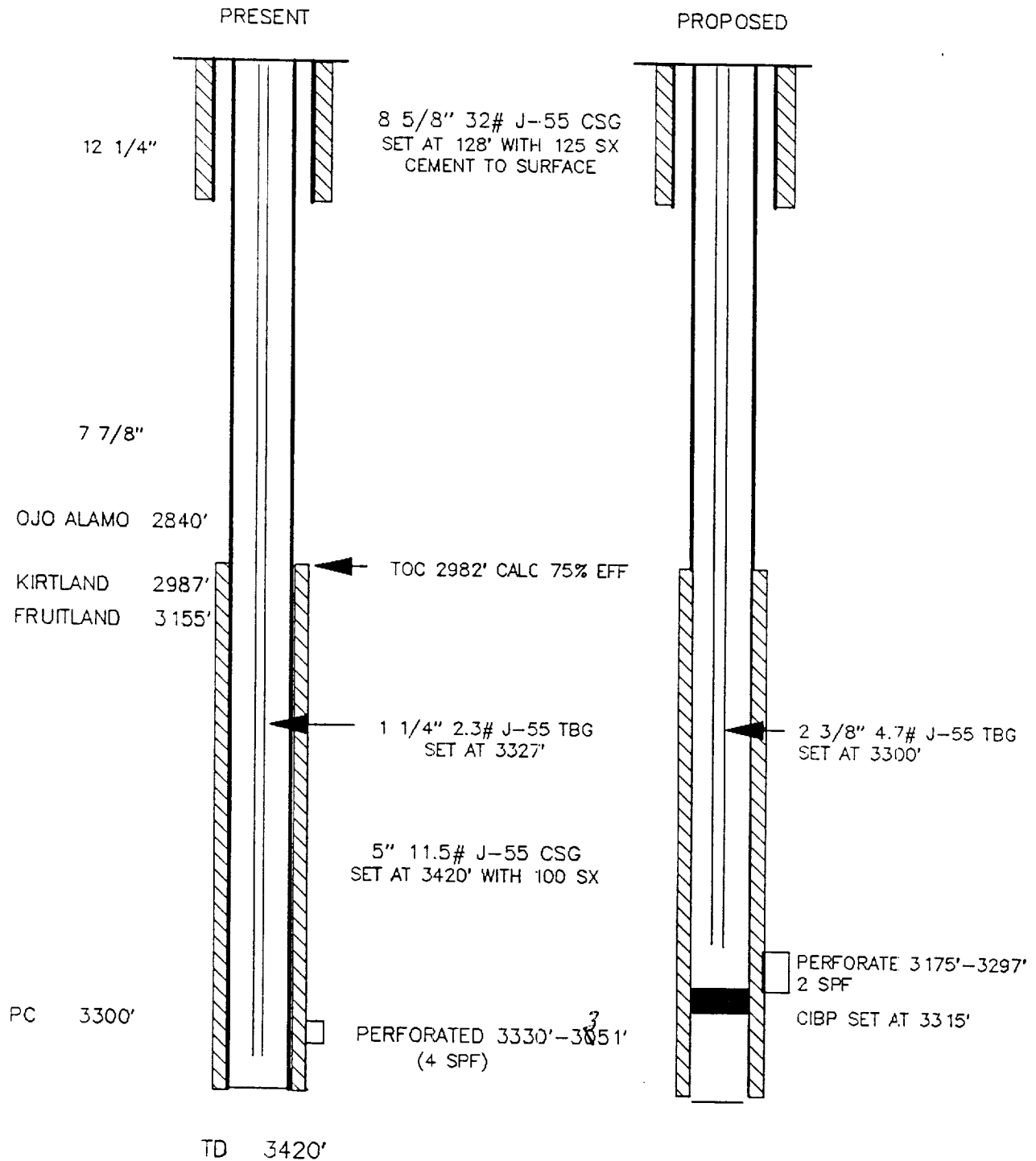


Neale C. Edwards

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

JICARILLA 120C #11 WELLBORE DIAGRAMS

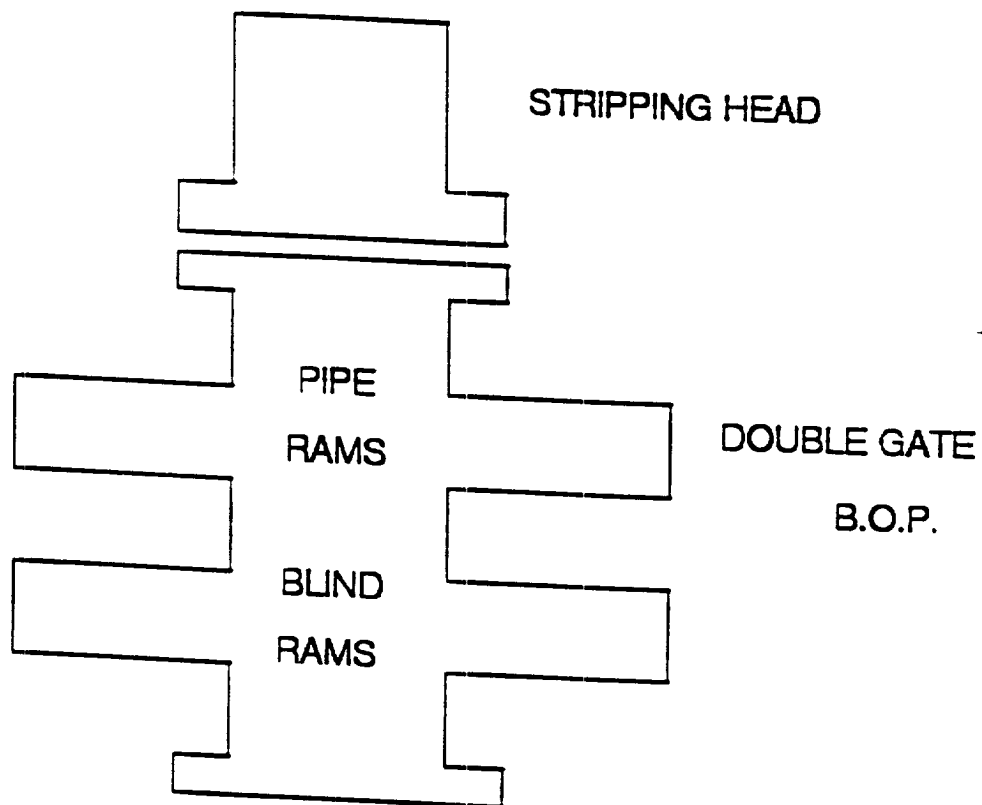
UNIT G SECTION 32 T26N-R04W
FRUITLAND COAL RECOMPLETION



Jicarilla 120C #11
Procedure to Recomplete Fruitland Coal

1. Check location anchors.
2. MOL and rig up daylight pulling unit with rip pump and blow tank.
3. Kill PC with water as needed. ND wellhead. NU BOP. TOOH with 1" tubing.
4. Run GR-CNL-CBL-CCL. Set cast iron bridge plug at 3315'.
5. Pressure test casing to 3000 psi. If test fails, well will be evaluated for repair or abandonment.
6. Perforate the Fruitland Coal interval.
7. Pick up retrievable bridge plug and packer. TIH on 2 3/8" tubing Isolate each coal interval and breakdown.
8. Fracture stimulate well.
9. Open well through variable choke and flow back slowly.
10. TIH with 2 3/8" tubing with expendable check on bottom. Blow well with air.
11. Obtain and record gauges. When returns dry up, TOOH with 2 3/8" tubing.
12. TIH with 2 3/8" 4.7# EUE tubing with pump out plug on bottom and common pump seating nipple one joint off bottom. Land tubing at 3300'. Nipple down BOP. Nipple up wellhead.

WORKOVER / RECOMPLETION B.O.P. SCHEMATIC



MINIMUM: 6" 2000 PSI DOUBLE GATE B.O.P.
MAXIMUM ANTICIPATED SHUT-IN WELLHEAD
PRESSURE IS LESS THAN 2000 PSI

30 - 039 - 06237

F. Loc. 1850/N; 1650/E Elev. 6790 GL Spd. 8-10-57 Comp. 9-12-57 TD 3420 PB
 Casing S. 8-5/8 @ 129 W 125 Sx. Int. @ W Sx. Pr. 5 1/2 @ 3420 W 100 Sx. T. 1 1/4 @ 3324
 Csg. Perf. 3306-3351 Prod. Stim. SWF

I.P. 3453 AOF
 1618 BOLD MCF/D After 3 Hrs. SICP 1071 PSI After Days GOR Grav. Ist Del. 12-28-57 s

TOPS		NITD	X	Well Log	X	TEST DATA							Ref.No.
Kirtland	2987	C-103	XX	Plot	X	Schd.	PC	Q	PW	PD	D		
Fruitland	3155	C-104	✓✓X	Electric Log	✓✓ XX	5/5/70	336	67	205	269	42		
Pictured Cliffs	3300			C-122	X	7/19/71	364	63	152	291	31		
Cliff House		Ditr		Dfa	2-31-57	6/19/72	311	47	232	249	39		
Menefee		Datr		Dac		8/11/73	297	61	131	238	31		
Point Lockout						6/11/74	284	74	138	227	39		
Mancos						7/22/76	330	42	233	264	32		
Gallup						5/1/78	371	44	262	297	33		
Sanostee						2/21/84	427	41	283	342	28		
Greenhorn						7/5/84	422	39	319	338	34		
Dakota						6/20/85	392	47	304	235	70		
Morrison						7/13/87	592						
Entrada													
		IEPEXpl Co.											
		NW Prod. Corp.											

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So. Blanco PC Co. RA S 32 T 26N R 4W U. G Oper Meridian Oil Inc. Lse. Jicarilla 120 C No. 11