

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

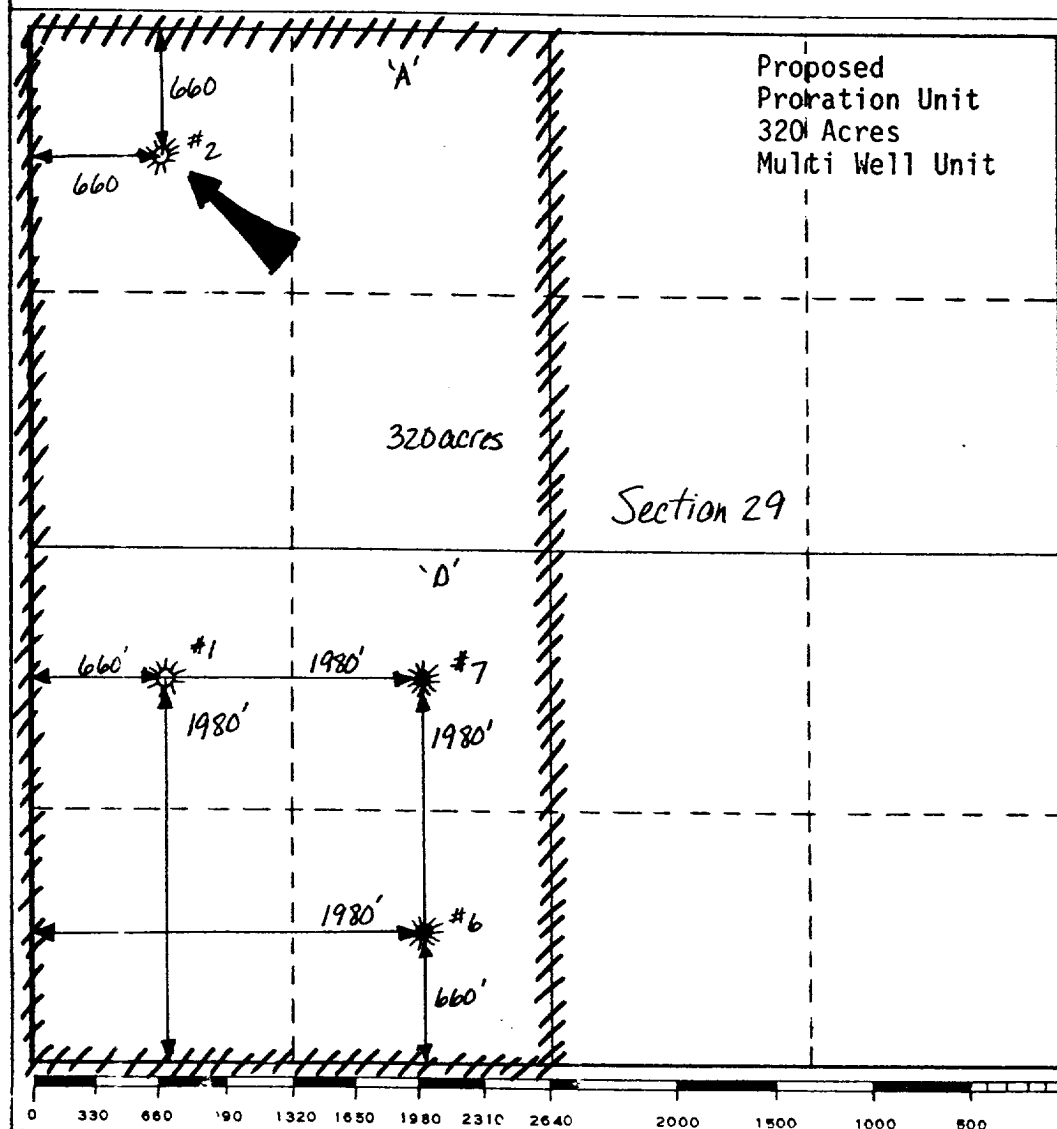
Operator ARCO Oil and Gas Company			Lease W. H. Harrison "A"		Well No. 2
Unit Letter D	Section 29	Township 24S	Range 37E	County Lea	
Actual Footage Location of Well: 660 feet from the North line and 660 feet from the West line					
Ground Level Elev. 3348'	Producing Formation Yates-Seven Rivers		Pool Jalmat Gas		Dedicated Acreage: MWU 320 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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 interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation Communitization

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 interests, has been approved by the Commission.



CERTIFICATION

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

Cindy Wellis

Name
C. W. Wellis

Position
Engineer

Company
ARCO Oil and Gas Co.

Date
1/28/85

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.

Date Surveyed

Registered Professional Engineer and/or Land Surveyor

Certificate No.



COUNTY LEA FIELD Jalmat STATE NM
 OPR ARCO OIL & GAS CO. API 30-025-27367
 NO 7 LEASE Harrison, W.H. "D" WN MAP
 Sec 29, T24S, R37E COORD
 1980 FSL, 1980 FWL of Sec 8-1-41 NM
 4 mi N/Jal Res PD 6-14-82 Rec MP 7-8-82

CSG 16-30-20 sx 8 5/8-1165-750 sx 5 1/2-3756-1000 sx	WELL CLASS: INITDX FIN DO LSE. CODE			
	FORMATION	DATUM	FORMATION	DATUM
	ID 3756 (QUEN)	PBD 3410		

IP (Yates) Perfs 2971-3357 P 25 BOPD + 1 BW. Pot based on
 24 hr test. GOR 16,000; gty (NR)

CONTR OPR 511V 3252 GL sub-s

F.R.C. 8-7-82 OWWO
 PD 3410 WO (Yates)
 (Orig. Cmp 8-9-81 thru (Seven Rivers-Queen)
 Perfs 3431-3687; OTD 3756; OPB 3704)
 8-2-82 TD 3756; PBD 3410; Complete
 Cmt ret @ 3410
 Sqzd (3431-3687) 250 sx
 Perf (Yates) 2971-3357
 Frac (2971-3357) 25,000 gals gel wtr +
 25,000 gals CO2 + 110,000# sd
 8-7-82 COMPLETION ISSUED

8-1-41 NM
 IC 30-025-70638-82

COUNTY **LEA** FIELD **Langlie-Mattix** STATE **NM**
 OPR **ARCO OIL & GAS CO.** API **30-025-27367**
 3 **7** LEASE **Harrison, W. H. "D" WN** MAP
Sec 29, T24S, R37E CO-ORD
1980 FSL, 1980 FWL of Sec **9-1-12 NM**
4 mi N/Jal SPD **4-23-81** CMP **8-9-81**

CSC	WELL CLASS: INIT D FINDG LSE CODE			
	FORMATION	DATUM	FORMATION	DATUM
	16-30-20 sx			
	8 5/8-1165-750 sx			
	5 1/2-3756-1000 sx			
	ID 3756 (QUEN)		PBD 3704	

IP (Seven Rivers-Queen) Perfs 3431-3687 P 27 MCFGPD + 121 BW.
 Pot based on 24 hr test. GOR Dry; gty (Gas) (NR)

CONTR **Marc #791** OPRSELEV **3252 GL, 3265 KB** sub-s **10**

F.R. 4-27-81
 PD 3750 RT (Seven Rivers-Queen)
 4-24-81 Drlg 865
 Mud wt 8.6, vis 34, Bit #1 (12½)
 5-1-81 TD 3756; Prep Log
 Mud wt 9.7, vis 34
 5-7-81 TD 3756; WOCU
 5-13-81 TD 3756; PBD 3704; Prep Perf
 Perf (Queen) 3654-87 w/5 shots (overall)
 Acid (3654-87) 250 gals
 Swbd 6½ BLW w/tr oil in 5 hrs 30 mins (3654-87)
 5-19-81 TD 3756; PBD 3704; Tstg
 Perf (Seven Rivers-Queen) 3431-3600 w/15 shots
 (overall)
 Acid (3431-3600) 1500 gals (15% HCL)
 Flwd 3 BO + 59 BW in 10 hrs thru 1 1/4 chk
 (3431-3687) 9-1-12 NM

LEA
ARCO OIL & GAS CO.

Langlia-Mattix
7 Harrison, W. H. "D" WN
Sec 29, T24S, R37E

NM
Page #2

5-29-81 TD 3756; PBD 3704; Prep Re-Sqze
Sqzd (3431-3687) 1000 sx
6-3-81 TD 3756; PBD 3704; Prep DOC
Sqzd (3431-3687) 1200 sx
6-12-81 TD 3756; PBD 3704; Swbg
DOC to 3704
Perf (Queen) @ 3654, 3660, 3670, 3680, 3687
w/l SPI
Acid (3654-87) 1000 gals
Frac (3654-87) 10,000 gals + 15,000# sd
Swbd 15 BW (1% Oil) w/SSG in 10 hrs (3654-87)
6-19-81 TD 3756; PBD 3704; Swbg
Perf (Seven Rivers) @ 3431, 3439, 3443, 3458,
9-1-12 NM

6-19-81 Continued
3472, 3490, 3504, 3510 w/l SPI
Acid (3431-3510) 1000 gals
Frac (3431-3510) 20,000 gals gel + 10,000
gals CO₂ + 51,000# sd
Swbd 6 BO + 58 BLW w/SSG in 10 hrs (3431-3510)
6-25-81 TD 3756; PBD 3704; WOPU
7-14-81 TD 3756; PBD 3704; Ppg
Ppd 39 BW in 24 hrs (3431-3687)
8-3-81 TD 3756; PBD 3704; Ppg
Ppd 5 BO + 103 BW + 27 MCFGPD in 24 hrs (3431-3687)
8-31-81 TD 3756; PBD 3704; Complete
LOG TOPS: Yates 2946, Seven Rivers 3238, Queen
3525
LOGS RUN: CNL, FDC, CALP, DILL, FRXL, CBND,
GRDL, MSMG, CNDL
BHT 102 deg @ 3750
Rig Released 5-2-81
9-5-81 COMPLETION ISSUED 9-1-12 NM
IC 30-025-70200-81