

1. BOP'S TO BE FLUID OPERATED.
2. BOP'S AND ALL FITTINGS MUST BE IN GOOD CONDITION AND RATED AT 3000 PSI W.P. MINIMUM.
3. EQUIPMENT THROUGH WHICH BIT MUST PASS SHALL BE AT LEAST AS LARGE AS CASING SIZE BEING DRILLED THROUGH.
4. NIPPLE ABOVE BOP'S SHALL BE SAME SIZE AS LAST CASING SET.
5. UPPER KELLY COCK IS REQUIRED AND SHALL BE 3000# W.P. MINIMUM.
6. T. I. W. OR COMPARABLE SAFETY VALVE SHALL BE AVAILABLE ON RIG FLOOR WITH CONNECTION OR SUBS TO FIT ANY TOOL JOINT IN THE STRING. VALVE TO BE FULL BORE 5000# MIN.
7. VALVE NEXT TO SPOOL SHALL BE 4". OTHER EQUIPMENT MAY BE 3" OR 4". ALL CHOKE MANIFOLD EQUIPMENT SHALL BE FLANGED. FLOW LINE FROM MANIFOLD TO BE MINIMUM OF 3" AND STRAIGHT AS POSSIBLE WITH MINIMUM BENDS.
8. FLUID LINES FROM ACCUMULATOR TO BOP'S AND ALL REMOTE CONTROL FLUID LINES SHALL BE STEEL, AND RATED AT OR ABOVE MAXIMUM ACCUMULATOR PRESSURE. LINES SHALL BE ROUTED IN BUNDLES AND ADEQUATELY PROTECTED FROM DAMAGE.
9. USE RAMS IN FOLLOWING POSITIONS:\*

|           | <u>DRILLING</u> | <u>RUNNING CASING</u> |
|-----------|-----------------|-----------------------|
| UPPER RAM | DRILL PIPE      | CASING                |
| LOWER RAM | BLIND           | BLIND                 |

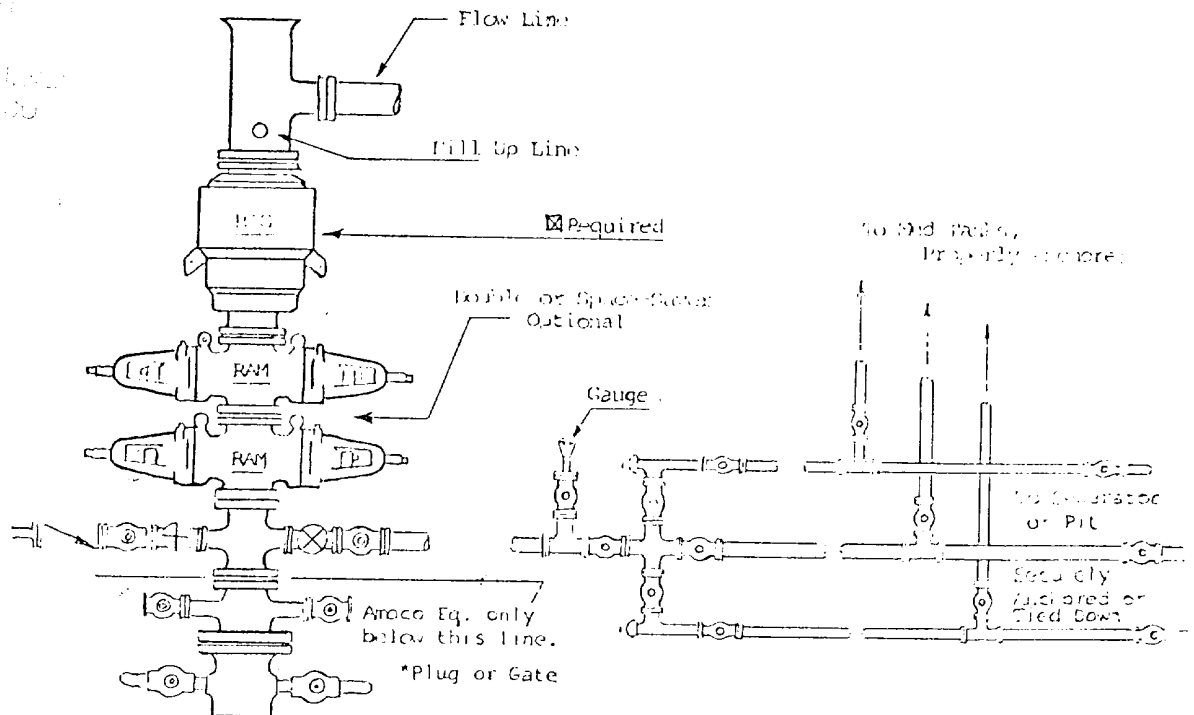
\*AMOCO AREA SUPT. MAY REVERSE LOCATION OF RAMS.

10. CHOKE MANIFOLD, BEYOND SECOND VALVE FROM CROSS MAY BE OPTIONALLY POSITIONED OUTSIDE OF SUBSTRUCTURE.
11. EXTENSIONS AND HAND WHEELS TO BE INSTALLED AND BRACED AT ALL TIMES.
12. TWO INCH (2") LINES AND VALVES ARE PERMITTED ON THE KILL LINE.

NOTE: ALL UNMARKED VALVES MAY BE PLUG OR GATE VALVE, METAL TO METAL SEAL.

RECEIVED

U. S. GEOLOGICAL SURVEY  
HOBBS, NEW MEXICO



121  
02/14/79

REC-1  
DEC 14 1979  
O.C.D. HOBBS OFFICE

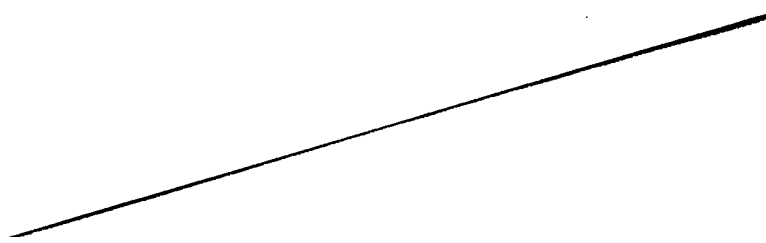




**LTR**



**Job separation sheet**





NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 12-65

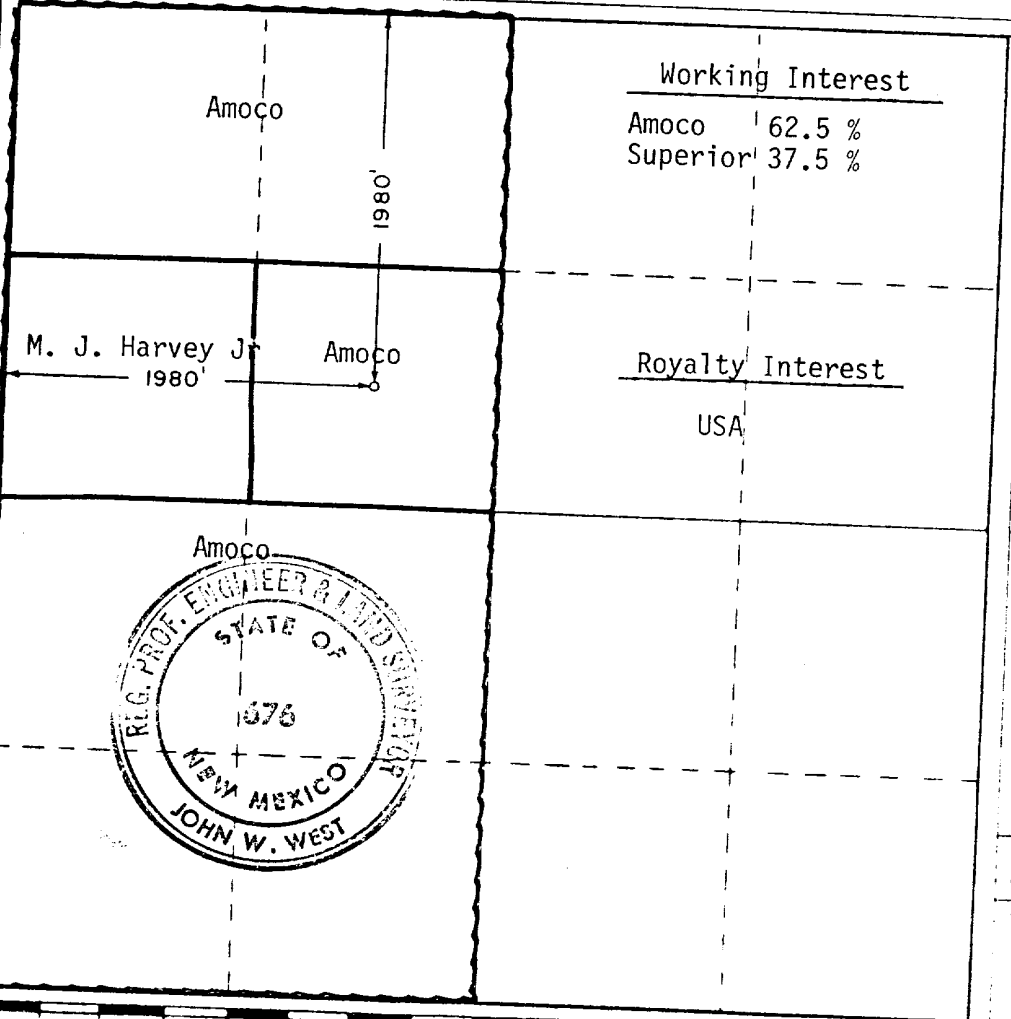
All distances must be from the outer boundaries of the Section

|  |                                      |  |                                 |                      |
|--|--------------------------------------|--|---------------------------------|----------------------|
| Operator<br><b>AMOCO PRODUCTION CO.</b>  |                                      | Lease<br><b>FED. A.G. COM.</b>           |                                 | Well No.<br><b>1</b> |
| Tract Letter<br><b>F</b>   | Section<br><b>14</b>                 | Township<br><b>20 South</b>              | Range<br><b>35 East</b>         | County<br><b>Lea</b> |
| Actual Footage Location of Well:<br><b>1980</b> feet from the <b>North</b> line and <b>1980</b> feet from the <b>West</b> line |                                      |  |                                 |                      |
| Ground Level Elev.<br><b>3677.4</b>  | Producing Formation<br><b>Morrow</b> | Pool<br><b>Wildcat West Osudo Morrow</b> | Estimated Acreage<br><b>320</b> |                      |

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.



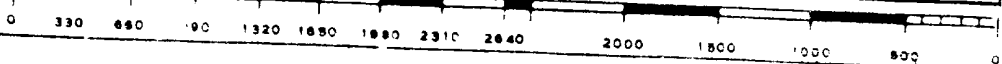
CERTIFICATION

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

Name \_\_\_\_\_  
 Position  
**Asst. Admin. Analyst**  
 Company  
**Amoco Production Company**  
 Date  
**11-6-79**

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  
**October 16, 1979**  
 Registered Professional Engineer and Land Surveyor  
  
 Certificate No. **John W. West 676**  
**Ronald J. Eidson 3239**





**LTR**



**Job separation sheet**

COUNTY LEA FIELD Osudo STATE NM  
 OPR AMOCO PRODUCTION CO. API 30-025-26620  
 1 LEASE Federal "AG" Com. MAP  
 Sec 14, T20S, R35E CO-ORD  
 1980 FNL, 1980 FWL of Sec 8-5-30 NM  
 18 mi NE/Halfway SPD 3-8-80 CMP 4-21-80

| CSC                            | WELL CLASS: INIT WF FIN DG LSE. CODE |       |            |       |
|--------------------------------|--------------------------------------|-------|------------|-------|
|                                | FORMATION                            | DATUM | FORMATION  | DATUM |
| 16-398-500 sx                  |                                      |       |            |       |
| 10 3/4-4195-3400 sx            |                                      |       |            |       |
| 7 5/8-11,617-1175 sx           |                                      |       |            |       |
| 4 1/2-lnr-11,200-13,448-400 SX |                                      |       |            |       |
| 2 3/8-13,143                   |                                      |       |            |       |
|                                | ID 13,450 (BRNT)                     |       | PBD 13,405 |       |

IP (Morrow) Perfs 13,007-330 CAOF 5026 MCFGPD. GOR 12.5;  
 gty (Gas) .721; (Cond) 60.2; SIWHP 3116; SIBHP 3125

P.L.C. El Paso Natural Gas  
 CONTR Big West #22 OPRS ELEV 3677 GL, 3695 KB PD 13,500 RT

- F.R. 1-14-80 (Morrow)
- 3-18-80 Drlg 8660 lm
- 3-24-80 Drlg 10,300
- 4-3-80 TD 11,617; NU BOP's
- 4-11-80 Drlg 12,676 lm & sh
- 4-14-80 TD 13,010; SI
- 4-22-80 Drlg 13,215  
 DST (Morrow) 12,960-13,031, op 13 mins, GTS @ 2398 MCFGPD decr to 1108 MCFGPD in 6 mins (Sampler rec 57.2 CFT GAS @ 2600#), 45 min ISIP 6971, FP 3691-5446, 2 hr 33 min FSIP 6900, HP 7597-7588
- 4-30-80 TD 13,450; LDDP
- 5-2-80 TD 13,450; WOCT
- 5-16-80 TD 13,450; PBD 11,405; DOC
- 5-28-80 TD 13,450; PBD 13,405; Prep Test Tbg  
 8-5-30 NM

LEA  
AMOCO PRODUCTION CO.

Osudo  
1 Federal "AG" Com.  
Sec 14, T20S, R35E

NM  
Page #2

5-28-80 Continued  
Perf (Morrow) 13,007-142 (overall)  
Acid (13,007-142) 3000 gals (7½%)  
Perf (Morrow) 13,320-330 w/4 SPF  
Acid (13,320-330) 2000 gals (7½%)  
Flwd 60 BC + 3 BLW in 7 hrs thru 16/64 chk,  
TP 600 (13,007-330)  
6-6-80 TD 13,450; PBD 13,405; SI BHP  
7-22-80 TD 13,450; PBD 13,405; WOSP  
Flwd @ 6500 MCFGPD + 27 BC + 27 BW in 9 hrs  
thru 24/64 chk, TP 600 (13,007-330)  
8-25-80 TD 13,450; PBD 13,405; Complete

8-5-30 NM

8-25-80 Continued  
(Morrow) FOUR POINT GAUGES:  
Flwd 1728 MCFGPD, chk NR, 30 mins, TP 2381  
Flwd 2604 MCFGPD, chk NR, 42 mins, TP 2023  
Flwd 3415 MCFGPD, chk NR, 60 mins, TP 1645  
Flwd 3816 MCFGPD, chk NR, 60 mins, TP 1425  
LOG TOPS: Wolfcamp 11,746, Strawn 12,104,  
Atoka 12,344, Morrow 12,778, Barnett 13,365  
LOGS RUN: CNDL, DILL, M1CL, SN  
BHT 207 deg @ 13,169  
8-30-80 COMPLETION ISSUED  
5-9-81 RE-ISSUE TO AMEND FIELD, FINAL CLASS, & TO  
ADD FOUR POINT GAUGES, CAOF & BHT: Formerly  
reported as Wildcat & WFD

8-5-30 NM  
IC 30-025-70012-80