

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☒ other ☐ JUN 12 1981
2. NAME OF OPERATOR U.S. GEOLOGICAL SURVEY
Amoco Production Company HOBBS, NM
3. ADDRESS OF OPERATOR
P. O. Box 68 Hobbs, NM 88240
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1980' FSL & 1980' FWL
AT TOP PROD. INTERVAL: (Unit K, NE/4, SW/4)
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input checked="" type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>
(other) <input type="checkbox"/>	<input type="checkbox"/>

5. LEASE
NM-40448
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Federal AF Com.
9. WELL NO.
1
10. FIELD OR WILDCAT NAME
Wildcat Morrow
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
8-18-32
12. COUNTY OR PARISH
Lea
13. STATE
NM
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD)
3756.0' GL

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Drilled to a TD of 4926' and ran 9-5/8" casing set at 4926'. Cemented with 2900 sacks Lite cement and 200 sacks Class C cement. Plugged down at 6:10 p.m. 5-23-81. Circulated 200 sacks. WOC 19-1/2 hr. Tested casing with 1000 psi. Test OK. Reduced hole to 8-3/4" and resumed drilling.

Drilled to a TD of 9402' and ran DST #1 (results attached).

0+4-USGS, H 1-Hou 1-Susp 1-LBG 1-W. Stafford, Hou
1-Conoco 1-Cities Service

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Benton Green TITLE Ast. Adm. Analyst DATE 6-10-81

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY: _____

ACCEPTED FOR RECORD

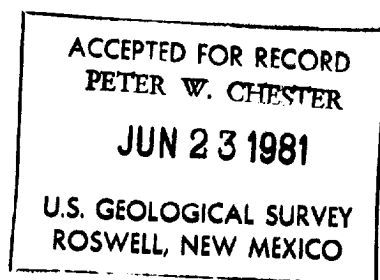
PETER W. CHESTER

JUN 23 1981

U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

*See Instructions on Reverse Side

DST #1. TST INTERVAL 8365-8540. IHP 3995 PSIG X FLW
5 MIN X IFP 960 PSIG X FFP 1144 PSIG X SI 1 HR X
ISIP 3583 PSIG X FLW 2 HR X IFP 1250 PSIG X FFP
3527 PSIG X SI 4 HR X FSIP 3568 PSIG
X FHP 3995 PSIG. SAMPLE CHAMBER 650 PSIG X REC 2.6
CU FT G X 450 CC O X 1000 CC DRL FL. 0 GR
38 DEGREES API AT 60 DEGREES F. GOR 919. GTS X OTS ON
FINAL FLW PERIOD. REC 4578 FT GCO IN DP. FLW RATE
567 BOPD X 171 MCFD.



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(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☒ other ☐ U.S. GEOLOGICAL SURVEY
2. NAME OF OPERATOR HOBBS, INC.
Amoco Production Company
3. ADDRESS OF OPERATOR
P. O. Box 68 Hobbs, NM 88240
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1980' FSL & 1980' FWL, Sec. 8
AT TOP PROD. INTERVAL: (Unit K, NE/4, SW/4)
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input checked="" type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>
(other) <input type="checkbox"/>	<input type="checkbox"/>

5. LEASE NM-40448
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME Federal AF Com.
9. WELL NO. 1
10. FIELD OR WILDCAT NAME Wildcat Morrow
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 8-18-32
12. COUNTY OR PARISH Lea 13. STATE NM
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD) 3756.0' GL

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

On 5-11-81, Warton Drilling Co. (Rig #3) spudded a 17-1/2" hole at 9:00 a.m. Drilled to a TD of 670' and ran 13-3/8" casing set at 670'. Cemented with 600 sacks Class C cement with additives. Plugged down at 7 p.m. 5-12-81. Circulated 40 sacks. WOC 18 hr. Tested casing with 1000 psi. Test OK. Reduced hole to 12-1/4" and resumed drilling.

0+4-USGS, H 1-Hou 1-Susp 1-LBG 1-W. Stafford, Hou
1-Conoco 1-Cities Service

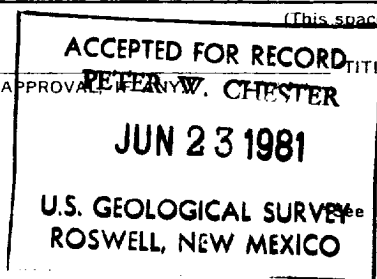
Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Denton Green TITLE A. St. Adm. Analyst DATE 6-10-81

(This space for Federal or State office use)

APPROVED BY _____ DATE _____
CONDITIONS OF APPROVAL _____



See instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒OTHER ☐SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Amoco Production Company

3. ADDRESS OF OPERATOR

P. O. Box 68 Hobbs, NM 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

1980' FSL & 1980' FWL, Sec. 8, T. 18N, R. 10W, MEX. CO.
(Unit K, NE/4, SW/4)

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approx. 7 miles south of Maljamar, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

12,800

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

3756.0' GL

22. APPROX. DATE WORK WILL START*

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48#	650'	Circulate
12-1/4"	9-5/8"	36#	4900'	Tie back to surface casing
8-3/4"	5-1/2"	20#, 23#	12800'	Tie back to 9-5/8"

Propose to drill and equip well in the Morrow formation. After reaching TD, logs will be run and evaluated. Will perforate and stimulate as necessary in attempting commercial production.

MUD PROGRAM: 0'-650' Native mud and fresh water

650'-4900' Native mud and brine water

4900'-11500 Commercial mud and brine water with minimum properties
for safe hole conditions.11500'-TD Commercial mud and brine. Raise viscosity and reduce water
loss prior to Morrow penetration.

Archaeological survey attached

Gas is not dedicated

BOP program attached

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Gordon P. Dechee
APPROVED
(This space for Federal or State office use)
(Orig. Sgd.) **PETER W. CHESTER**
APR 24 1981
APPROVED BY FOR
JAMES A. GILLHAM
DISTRICT SUPERVISOR
0+6-USGS, N 1-Hou 1-Susp

TITLE

Admin. Analyst

DATE

4-2-81

APPROVAL DATE

TITLE

DATE

1-GLF 1-W. Stafford, Hou

N MEXICO OIL CONSERVATION COMMISS
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

Lessor AMOCO Production Co.			Lease Federal AF Com			Well No. 1		
Tract Letter K	Section 8	Township 18 South	Range 32 East	County Lea				
Actual Footage Location of Well: 1980 feet from the south line and 1930 feet from the west line								
Ground Level Elev. 3756.00		Producing Formation Morrow		Pool Wildcat Morrow			Dedicated Acreage: 320 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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?

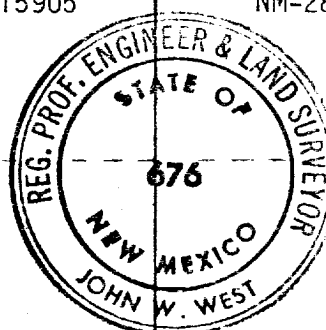
☒ Yes ☐ No If answer is "yes," type of consolidation Communitization

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.

Royalty: United States	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th align="left" colspan="2">WORKING INTEREST</th> </tr> <tr> <td>Conoco, Inc.</td> <td align="right">14.3082</td> </tr> <tr> <td>Amoco</td> <td align="right">21.4917</td> </tr> <tr> <td>Belco Petroleum</td> <td align="right">21.4864</td> </tr> <tr> <td>Gulf Oil Corp.</td> <td align="right">24.0311</td> </tr> <tr> <td>Rupe Resources</td> <td align="right">10.6721</td> </tr> <tr> <td>Galaxy Oil Co.</td> <td align="right">8.0105</td> </tr> <tr> <td></td> <td align="right"><u>100.0000 %</u></td> </tr> </table>	WORKING INTEREST		Conoco, Inc.	14.3082	Amoco	21.4917	Belco Petroleum	21.4864	Gulf Oil Corp.	24.0311	Rupe Resources	10.6721	Galaxy Oil Co.	8.0105		<u>100.0000 %</u>
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Conoco, Inc. NM 40449	Galaxy Oil Co. Gulf Oil Corp. Estate of Roy Charlesworth	Amoco NM-15905	Gulf NM-28018
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CERTIFICATION

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

Name Ronald L Foster
 Position Admin. Analyst
 Company Amoco Production Company
 Date 4-2-81

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 5-7-81
 Registered Professional Engineer
 and Land Surveyor

John W. West

Certificate No JOHN W. WEST 676
PATRICK A. ROMERO 6663
Ronald J. Eldon 3232

RECEIVED

MAY 5 1981

OIL CONSERVATION DIV.

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