

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

Budget Bureau No. 1004-0135
Expires August 31, 1985

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 "APPLICATION FOR PERMIT—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.

SF-078199

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Houck Gas Com "C"

9. WELL NO.

1E

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

NE/NW Sec. 6, T29N, R9W

12. COUNTY OR PARISH

San Juan

13. STATE

NM

1.

OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

Amoco Production Company

3. ADDRESS OF OPERATOR

501 Airport Drive Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)

At surface 790' FNL X 1365' FWL

14. PERMIT NO.

15. ELEVATIONS (Show whether BV, RT, GR, etc.)

5706' GR

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐
☐
☐
☐

PULL OR ALTER CASING

☐
☐
☐
☐

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐
☐
☐
☐

REPAIRING WELL

☐
☐
☐
☒

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other) Spud and Set Casing

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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.) *

Spud a 12-1/4" hole on 11-30-84 at 1800 hrs. Drilled to 313'. Set 9-5/8", 36#, K-55 casing at 313' and cemented with 300 cu. ft. Class B, 2% C, Cl₂. Circulated cement to surface. Pressure tested casing to 1000 psi. Drilled an 8-3/4" hole to 3610' on 12-4-84. Set 7", 20#, K-55 casing at 2620'. Cemented with 472 cu. ft. Class B Ideal and tailed in with 118 cu. ft. Class B Ideal. Circulated to surface. Pressure tested casing to 1500 psi. Drilled a 6-1/4" hole to a TD of 6873' on 12-7-84. Set 4-1/2", 10.5#, K-55 casing at 6873'. Cemented with 647 cu. ft. Class B 50:50 poz, 6% gel and tailed in with 177 cu. ft. Class B Neat. Ran a temperature survey (attached) which indicated the cement top to be 2000'. No DV tool was set and the rig was released on 12-8-84.

RECEIVED

FEB 20 1985

OIL CON. DIV.
DIST. 3

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

SIGNED

Original Signed By
B. D. Shaw

TITLE Admin. Supervisor

DATE

1-7-85

(This space for Federal or State office use)

ACCEPTED FOR RECORD

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

DATE

FEB 05 1985

FARMINGTON RESOURCE AREA

*See Instructions on Reverse Side

BY

sm

WILSON SERVICE COMPANY

FORM 432-2

TEMPERATURE SURVEY

COMPANY..... Amoco Production
WELL..... 1-E LEASE..... Houck Gas Com C
COUNTY..... San Juan STATE..... New Mexico
SEC..... 6 TWP..... 29 N RGE..... 9W

APPROX. TOP CEMENT..... 2000'

Survey Begins at..... 1500' Ft. Ends at..... 6830'

Approx. Fill-Up..... Max. Temp.....

Log Measured From..... KB Run No. 1

Casing Size	Casing Depth	Diam of Hole	Depth
4 1/2"	from	from 6 1/2"	to
	to	from	to

Date of Cementing..... 12/8/84 Time..... 12:30 PM

Date of Survey..... 12/8/84 Time..... 6:30 PM

Amount of Cement..... As Per Report.

Recorded by..... Mahaffey..... Witnessed by.....

REMARKS OR OTHER DATA

Float Collar 6877'

TEMPERATURE IN DEGREES FAHRENHEIT

1500'	108°	148°	180°	220°	240°
1600'					

1700'

1800'

1900'

2000'

Anomaly 2000'

2100'

2200'

2300'

2400'

2500'

2600'

2700'

2800'

2900'

3000'

3100'

3200'

3300'

3400'

3500'

3600'

3700'

3800'

3900'

4000'

4100'

4200'

4300'

4400'

4500'

4600'

4700'

4800'

4900'

5100'

5200'

5300'

5400'

5500'

5600'

5700'

5800'

5900'

6200'

6300'

6400'

6500'

6600'

6700'

6800'

TD Surveyed 6830'

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.
SF-078199

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Houck Gas Com "C"

9. WELL NO.
1E

10. FIELD AND POOL, OR WILDCAT
Basin Dakota

11. SEC. T., R., M., OR BLK. AND
SURVEY OR AREA

ne/nw Sec 6 T29N R9W

12. COUNTY OR PARISH 13. STATE
San Juan N.M.

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 "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR
Amoco Production Co.

3. ADDRESS OF OPERATOR
501 Airport Drive, Farmington, N M 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
790' FNL x 1365' FWL

RECEIVED

MAR 13 1985

14. PERMIT NO.

15. ELEVATIONS (Show whether OF, BT, OR, etc.)
5706' GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PCLL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Completion

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well
Completion or Recoupletion Report and Log form.)

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.)*

Moved in and rigged up service unit on 1/20/85. Total depth of the well is 6873' and plugback depth is 6865'. Pressure tested production casing to 3000 psi. Perforated the following intervals; 6844'-6860', 4 jspf, .39" in diameter, for a total of 64 holes. Fraced interval 6844'-6860' with 6090 gals 2% KCL water. Perforated the following intervals: 6756'-6764', 6784'-6826', 4 jspf, .40" in diameter, for a total of 200 holes. Fraced interval 6756'-6860' with 130,000 gal 30# gelled fluid and 115,000 # 20-40 sand. Perforated the following intervals: 6610'-6615', 6672'-6696', 4 jspf, .40" in diameter, for a total of 116 holes. Fraced interval 6610'-6696' with 65,000 gal 75 quality foam and 87,500 # 20-40 sand.

Landed 2-3/8" tubing at 6846' and released the rig on 2-19-85.

RECEIVED

MAR 26 1985

OIL CON. DIV.

DIST. 3

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

SIGNED

Steve Hubbard

TITLE Adm. Supervisor

DATE

March 13, 1985

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

FARMINGTON RESOURCE AREA

BY

Jmm

*See Instructions on Reverse Side

NMOCC

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 representations as to any matter within its jurisdiction.

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

RECEIVED
MAR 27 1985
OIL CON. DIV.
DIST. 3

Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input checked="" type="checkbox"/> Special						Test Date 2-28-85	
Company Amoco Production Co.				Connection El Paso Natural Gas Co.			
Pool Basin				Formation Dakota		Unit	
Completion Date 2/19/85		Total Depth 6873		Plug Back TD 6870		Elevation 5706GR	
Farm or Lease Name Houck Gas Com "C"							
Csq. Size 4.500	Wt. 10.5	d 4.052	Set At 6873	Perforations: From 6610 To 6844		Well No. 1E	
Thq. Size 2.375	Wt. 4.7	d 1.995	Set At 6846	Perforations: From open To ended		Unit Sec. Twp. Rye. C 6 29 9	
Type Well - Single - Bradenhead - G.C. or G.O. Multiple single				Packer Set At none		County San Juan	
Producing Thru tubing		Reservoir Temp. °F A		Mean Annual Temp. °F		Baro. Press. - P _a	
State New Mexico							
L	H	Gg	% CO ₂	% N ₂	% H ₂ S	Prover	Meter Run Taps

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	
SI	7 days						1825		1846	
1.	2.875		.750				425		1013	3 hrs
2.										
3.										
4.										
5.										

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.365		437	1.000	.9258	1.054	5272
2.							
3.							
4.							
5.							

NO.	R _t	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2.					Specific Gravity Separator Gas _____ X X X X X X X X
3.					Specific Gravity Flowing Fluid _____ X X X X X
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

P _c 1858	P _c ² 3452164	
NO.	P _t ²	P _w ²
1	1025	1050625
2		
3		
4		
5		

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.6910$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 7818$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.4829$

Absolute Open Flow _____ 7818 _____ Mcfd @ 15.025	Angle of Slope @ _____	Slope, n _____ .75
---	------------------------	--------------------

Remarks: Heavy H2O, Lite Oil, flared

Approved By Division	Conducted By Bryan Services	Calculated By JJ Barnett	Checked By QE
----------------------	--------------------------------	-----------------------------	------------------

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.

SF-078199

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Houck Gas Com "C"

9. WELL NO.

1E

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

ne/nw Sec6, T29N, R9W

12. COUNTY OR PARISH

San Juan

13. STATE

NM

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVR. ☐ Other ☐

2. NAME OF OPERATOR

Amoco Production Co.

3. ADDRESS OF OPERATOR

501 Airport Drive, Farmington, N M 87401

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

At surface

790' FNL x 1365' FWL

At top prod. interval reported below

same

At total depth same

14. PERMIT NO. BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

15. DATE SPUDDED 11-30-84
16. DATE T.D. REACHED 12-7-84
17. DATE COMPL. (Ready to prod.) 2-19-85

18. ELEVATIONS (OF, RKB, RT, GR, ETC.)* 5719' KB

19. ELEV. CASINGHEAD 5706' GR

20. TOTAL DEPTH, MD & TVD 6873'

21. PLUG, BACK T.D., MD & TVD 6865'

22. IF MULTIPLE COMPL., HOW MANY* single

23. INTERVALS DRILLED BY

ROTARY TOOLS O-TD

CABLE TOOLS

24. PRODUCING INTERVAL(S). OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

6610' - 6860' Dakota

25. WAS DIRECTIONAL SURVEY MADE
yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIL-SP-GR, FDC-CNL-GR

27. WAS WELL CORRED
no

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#, K-55	313'	12-1/4"	300cu ft Class B, 2%, CaCl ₂	
7"	20#, K-55	2620'	8-3/4"	472cu ft Balss B Ideal and tailed in	
				with 118 cu ft class B Ideal	
4-1/2"	10.5#, K-55	6873'	6-1/4"	647cf Class B 50:50 poz and tailed	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD (over)
					SIZE DEPTH SET (MD) PACKER SET (MD)
					2-3/8" 6846'

31. PERFORATION RECORD (Interval, size and number)

6610'-6860', 4jspf, .39" in diameter, for a total of 64 holes; 6756'-6764', 6784'-6826' 4jspf, .40" in diameter, for total of 200 holes; 6610'-6615', 6672'-6696', 4jspf, .40" in diameter for a total of 116 holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
(6844'-6860')	6090 gals 2% KCL water
(6756'-6860')	130,000 gals 30# gel and
	115,000# 20-40 sand
(6610'-6696')	65,000 gal 75 quality foam &

33.* PRODUCTION 87,500 # 20-40 sand

DATE FIRST PRODUCTION

2-27-85

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

flowing

WELL STATUS (Producing or shut-in)

shut-in

DATE OF TEST

2-28-85

HOURS TESTED

3hrs

CHOKE SIZE

.75"

PROD'N. FOR TEST PERIOD

OIL—BBL.

GAS—MCF.

WATER—BBL.

GAS-OIL RATIO

659

FLOW. TUBING PRESS.

425 psig

CASINO PRESSURE

1013 psig

CALCULATED 24-HOUR RATE

OIL—BBL.

GAS—MCF.

WATER—BBL.

OIL GRAVITY-API (CORR.)

5272

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

To be sold

TEST WITNESSED BY

Bryan Services

35. LIST OF ATTACHMENTS

none

ACCEPTED FOR RECORD

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

B. D. Shaw

TITLE

Adm. Supervisor

DATE

MAR 31 1985

*(See Instructions and Spaces for Additional Data on Reverse Side)


FARMINGTON RESOURCE AREA

NMOCC

RV

Smm

174 cu ft class B Rock

SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
OJO Alamo			There were no logs run through these zones.			
Fruitland						
Pictured Cliffs						
Cliffhouse						
Menefee						
Pt. Lookout						
Gallup	5740	6668				
Dakota	6668	TD				

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

NO. OF UNITS RECEIVED		
DISTRIBUTION		
SANTA FE		
FILE		
U.S.S.A.		
LAND OFFICE		
TRANSPORTER	OIL	
	GAS	
OPERATOR		
PRODUCTION OFFICE		

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I.

Operator Amoco Production Co.	
Address 501 Airport Drive, Farmington, N M 87401	
Reason(s) for filing (Check proper box)	Other (Please explain)
<input checked="" type="checkbox"/> New Well <input type="checkbox"/> Recompletion <input type="checkbox"/> Change in Ownership	Change in Transporter of: <input type="checkbox"/> Oil <input type="checkbox"/> Gas <input type="checkbox"/> Condensate

If change of ownership give name
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name Houck Gas Com "C"	Well No. 1E	Pool Name, Including Formation Basin Dakota	Kind of Lease State, Federal or Fee Federal	Lease No. SF078199
Location Unit Letter <u>C</u> : <u>790</u> Feet From The <u>north</u> Line and <u>1365</u> Feet From The <u>west</u> Line of Section <u>6</u> Township <u>29N</u> Range <u>9W</u> , NMPM, San Juan County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Permian Corporation Permian (En 9-1-87)	P.O. Box 1702 Farmington, NM 87499
Name of Authorized Transporter of Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
El Paso Natural Gas Company	P.O. Box 990, Farmington, NM 87499
If well produces oil or liquids, give location of tanks.	Unit : <u>C</u> Sec. : <u>6</u> Twp. : <u>29N</u> Rge. : <u>9W</u>
Is gas actually connected?	When
no	

If this production is commingled with that from any other lease or pool, give commingling order number

NOTE: Complete Parts IV and V on reverse side if necessary.

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given is true and complete to the best of my knowledge and belief.

Steve Schubert
(Signature)
Adm. Supervisor
(Title)
March 13, 1985
(Date)

OIL CONSERVATION DIVISION
APR 02 1985
APPROVED
BY Original Signed by FRANK T. CHAVEZ
TITLE SUPERVISOR DISTRICT # 3

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply completed wells.

IV. COMPLETION DATA

Designate Type of Completion - (X)		Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Reel	Duff
			X	X					
Date Installed 11/30/84	Date Compl. Ready to Prod. 2/19/85	Total Depth 6873'				P.B.T.D. 6865'			
Conditions (DE, RKB, RT, GR, etc.); 5706' GR	Name of Producing Formation Dakota	Top Oil/Gas Pay 6610'				Tubing Depth 6846'			
Perforations 6844'-6860', 6756'-6764', 6784'-6826', 6610'-6615'						Depth Casing Shoe			

TUBING, CASING, AND CEMENTING RECORD			
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
12-1/4"	9-5/8", 36#	313"	300 cu ft
8-3/4"	7", 20#	2620"	590 cu ft
6-3/4"	4-1/2", 10.5"	6873"	824 cu ft
	2 3/8"	6846"	

V. TEST DATA AND REQUEST FOR ALLOWABLE (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.	Gas-MCF

SAS WELL

Actual Prod. Test-MCF/D 5272	Length of Test 3 hrs	Bbls. Condensate/MCF	Gravity of Condensate
Testing Method (pilot, back pr.) Back pressure	Tubing Pressure (Shut-in) 1825 psig	Casing Pressure (Shut-in) 1846 psig	Choke Size .75"

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved
Budget Bureau No. 1004-0135
Expires August 31, 1985

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 "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR Amoco Production Co.	8. FARM OR LEASE NAME Houck Gas Com "C"
3. ADDRESS OF OPERATOR 501 Airport Drive, Farmington, N.M. 87401	9. WELL NO. 1E
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 790' FNL x 1365' FWL	10. FIELD AND POOL, OR WILDCAT Basin Dakota
14. PERMIT NO.	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NE/NW Sec 6, T29N, R9W
15. ELEVATIONS (Show surface and subsurface elevations) 5706' GR	12. COUNTY OR PARISH San Juan
	13. STATE NM

RECEIVED

JUL 02 1985

BUREAU OF LAND MANAGEMENT

FARMINGTON RESOURCE AREA

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
WATER SHUT-OFF <input type="checkbox"/>	PULL PLUG <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRAC TREATMENT <input type="checkbox"/>	WELLHEAD COMPLETION <input type="checkbox"/>	FRAC TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input checked="" type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) <input type="checkbox"/>		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

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.)*

Amoco Production Company requests approval to repair the subject well according to the attached procedure.

RECEIVED

JUL 05 1985

OIL CON. DIV.
DIST. 3

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

SIGNED

B. S. Shaw

TITLE

Adm. Supervisor

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

NMOCC

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

APPROVED

DATE

6-27-85

JUL 03 1985

DATE

APR. MANAGER
FARMINGTON RESOURCE AREA

FARMINGTON DISTRICT WORKOVER

Permitting

DATE: 6/5/85

OPERATIONS TO BE PERFORMED: (CIRCLE ONE)

RECOMPLETION REPAIR SERVICE

LEASE AND WELL Huck Gas Com C. No. 1E

FIELD Basin Dakota

FORMATION Dakota

LOGS FDC-SNL-GK; GR-Ind

LOCATION 790' FWL x 136.5' FWL, Sec 6, T29N, R9W, San Juan Co., NM

COMP. DATE 2/19/85 EL: 5719' KB

TO: 6873 PBD: 6870

CSG: 958 360 K-SS 313
7 260 # K-SS 2620

4 1/2" 10.5 K-SS 6873

COMP. INT. 6610-6874

ORIG. STIM. 155,000 gal/hr fluid x 200' sec 15 20-40 SMD

IP 5.2 MMFD

CURRENT PROD. INT. SAME

PURPOSE: FIND SOURCE OF water production and isolate

WJH TKA

GDM
DHS

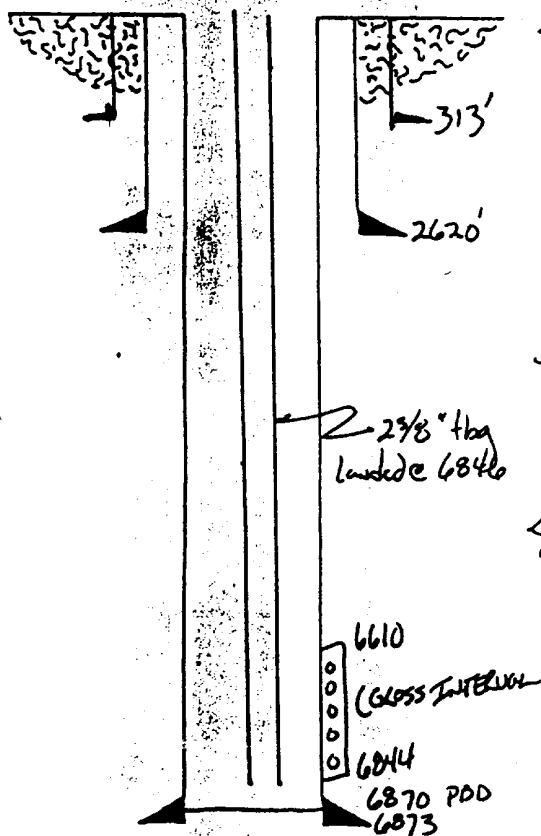
MCH
RGH
BVB
GMK

5/PERMITTING DESK

DJS
ENGR FILE

WELLBORE SKETCH

PROCEDURE



1. MIX RUSH; ND WELLHEAD, NU BOP
2. Kill well if necessary and TO x 2 3/8" tubing landed at 6846. RUN IN x WIRELINE SET TUBING RETRIEVABLE BP and set BP at 6833. TI x tubing and land near perf at 6826'. Flow test well to determine water production
3. If water production stops, proceed to step 4. If the well continues to produce large amounts of water, proceed to step 5.
4. Trip down and latch onto BP. TO x tubing and BP. TI x CMT retainer and set retainer at 6835'. TI x tubing and stringer. String into retainer. Pump 50 str down tubing (Class B neat). String out out of retainer and dump 2-3 SK on top of retainer. TO x tubing x stringer. TI x tubing and land near bottom perf at 6826 and put well back on production

DISTRICT MANAGER

DISTRICT ENGINEER

DISTRICT FOREMAN

ENGINEER

DATE

5. Trip down and latch onto BP. TO x tubing and BP. TI x. cmt retainer and set retainer at 6730'. TI x tubing and stringer. String into retainer. Pump 100 sx cmt (Class B Neat) into formation down tubing. String out of retainer and dump 2-3 sx on top of retainer. TO x tubing x stringer TI x tubing and land near bottom perf at 6696 and put well back on production.

Notes

1. Consult x DWS BEFORE ABANDONING ANY ZONE
2. Watch your pressures so you don't collapse the casing (as in Clark Bros 11-1) collapse on casing is about 3500 psi, burst is 3850 psi. Cement behind pipe is good.
3. Use 2% CaCl_2 in cement as an accelerator

