

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

2. NAME OF OPERATOR
Conoco Inc.

3. ADDRESS OF OPERATOR
P.O. Box 460, Hobbs, N.M. 88240

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: *1660' FSL & 990' FWL*
AT TOP PROD. INTERVAL:
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 ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

CHANGE ZONES ☐

ABANDON* ☐

(other) *change of procedure*

5. LEASE

Contract 36

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Northeast Haynes

9. WELL NO.

3E

10. FIELD OR WILDCAT NAME

Basin Dakota

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

Sec. 16, T-24N, R-5W

12. COUNTY OR PARISH

Lea

13. STATE

N.M.

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)

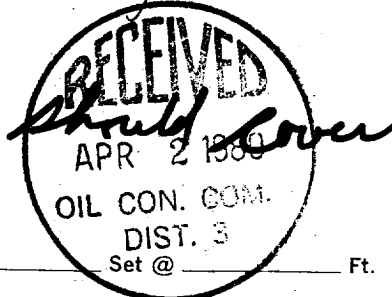
6615'60"

(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.)*

We request approval to change the proposed esg. program for subject well & complete it as a Basin Dakota single gas well. See attached drilling plan.

*2nd stage thru PV tool
Ojo Alamo*



Subsurface Safety Valve: Manu. and Type

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

SIGNED

Wm. A. Butterfield

TITLE *Adm. Supervisor*

DATE *1/25/80*

(This space for Federal or State office use)

MAR 31 1980

Carol B. Baker
DISTRICT ENGINEER

DATE

JAN 31 1980

U. S. GEOLOGICAL SURVEY
DANIEL, COLO.

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

USGS (Durango) - G

BEA

MJL

EPNG

FILE

*See Instructions on Reverse Side

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

Operator CONTINENTAL OIL COMPANY			Lease NE HAYNES		Well No. 3-E
Unit Letter L	Section 16	Township 24N	Range 5W	County Rio Arriba	
Actual Footage Location of Well: 1660 feet from the South line and 990 feet from the West line					
Ground Level Elev. 6615	Producing Formation Dakota		Pool Basin Dakota	Dedicated Acreage: 3.20 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 _____

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 <u>W. C. Vetter</u> Position <u>Admin. Supervisor</u> Company <u>Conoco Inc.</u> Date <u>3/17/80</u>	
Sec. 16	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 are true and correct to the best of my knowledge and belief.	
	Date Surveyed <u>October 30 1979</u> Registered Professional Engineer and/or Land Surveyor <u>Fred B. Kerr Jr.</u> Certificate No. <u>3950</u>	

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-102
Revised 10-1-78

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

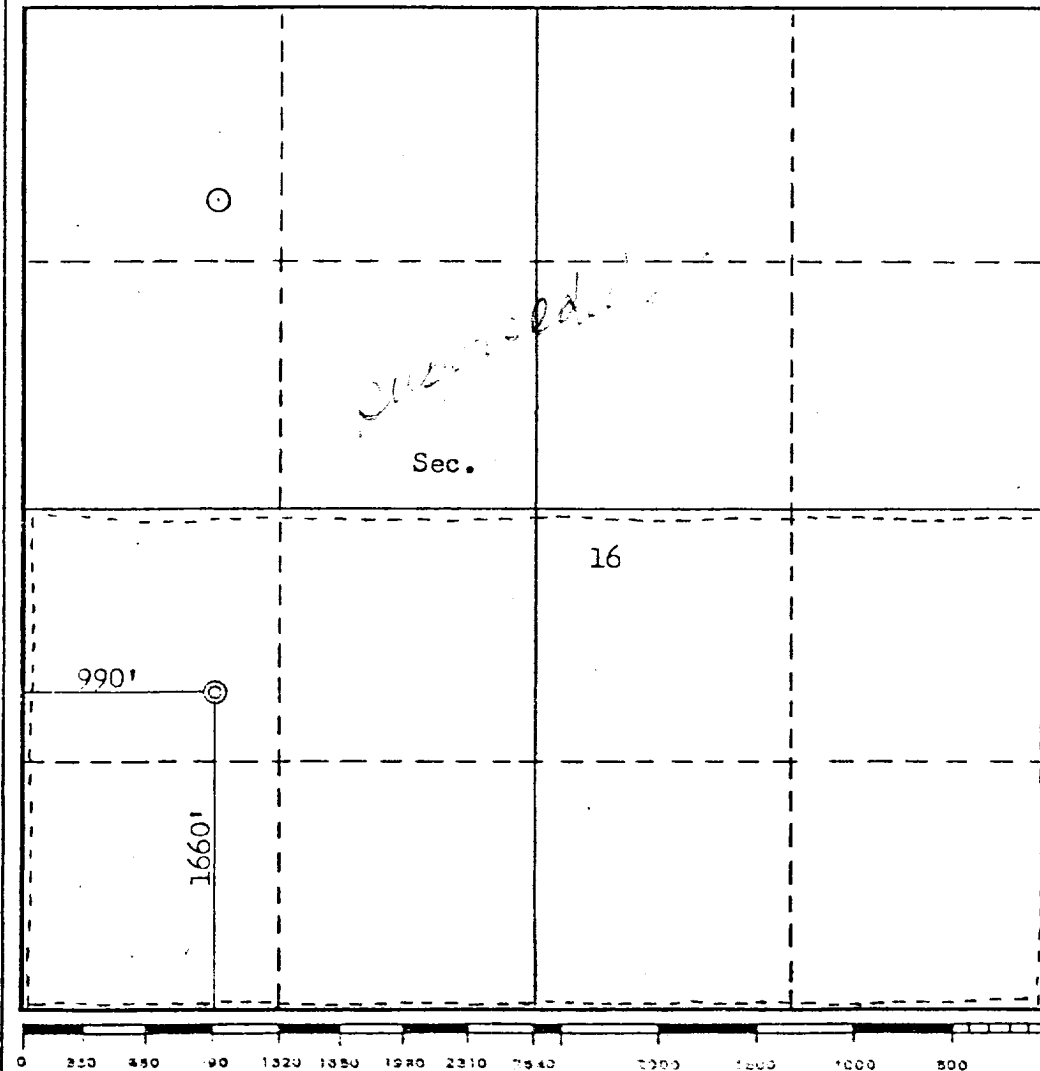
Operator CONTINENTAL OIL COMPANY			Lease NE HAYNES		Well No. 3-E
Unit Letter L	Section 16	Township 24N	Range 5W	County Rio Arriba	
Actual Footage Location of Well: 1660 feet from the South line and 990 feet from the West line					
Ground Level Elev. 6615	Producing Formation Dakota		Pool Basin Dakota		Dedicated Acreage: 3.30 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 _____

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 Wm A. Butterfield
Position Admin. Supervisor
Company Conoco Inc.
Date 11/25/80

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 30 1979
Registered Professional Engineer and/or Land Surveyor
Fred B. Kerr Jr.
Certificate No. 3950

PROPOSED WELL PLAN OUTLINE

WELL NAME: N.E. HAYNES NO. 3-E

COUNTY: RIO ARRIBA

LOCATION: 1660' FSL & 990 FWL

STATE: NEW MEXICO

Sec. 16, T-24N, R-5W

EST. KB: 6620'

EST. GL: 6608'

DEPTH	FORMATION TOPS & TYPE	DRILLING PROBLEMS	TYPE OF FORMATION EVALUATION	HOLE SIZE (IN)	CASING		FRACTURE GRADIENT (PPG)	FORMATION PRESSURE GRADIENT (PPG)	MUD	
					SIZE (IN)	DEPTH (FT)			WEIGHT (PPG)	TYPE
			Geolograph 0-TD	12-1/4	8-5/8 H-40 STC 28#	300	12- 13	8.0- 9.0	8.5 to 9.5	SPUD
1000			Deflection 0-TD							
2000	Kirtland (sh) 2000'									
	Pictured Cliffs (ss) 2330'	Possible lost circ. zone								
3000	Chacra (ss) 3160'									
4000	Mesa Verde (ss) 3870'	Possible lost circ. zone								
	Manchos (sh) 4680'									
5000			SP-IES TD-2200' 2" & 5"							
	Gallup (ss) 5580'	Possible severe lost circ. zone	GR-CAL-FDC Selected Intervals 2" & 5"			5500	-	-	8.8 to 9.3	Fresh water gel (low solids)
6000	Dakota D (ss) 6630'									
	" J (ss) 6720'				15.5# K-55 STC					
	" M (ss) 6820'									
7000	TD. 6970'		PDC TD-5400'	7-7/8	5-1/2	6970	13.0 to 14.0	Less than 8.5	8.8 to 9.5	Fresh water gel (low solids)

LIST TYPE OF STRING BY CODE LETTERS, i.e. CONDUCTOR (C); SURFACE (S); INTERMEDIATE (I); PRODUCTION (P); LINER (L); PERFORATIONS (PP)

TYPE OF STRINGS & INTERVAL (FT)		WT. IN AIR, WT. IN MUD		WT. IN AIR, WT. IN MUD		REMARKS	
FROM-TO	OD	ID	WT. PER FT	GRADE	THREAD	AMT	1000 LBS
(S) 0'-300'	8-5/8"	7.892"	28#	H-40	STC	300'	8.4
(P) 0'-6970'	5-1/2"	4.825"	15.5#	K-55	STC	6970'	108
							Sandblast bottom 140

TYPE OF STRING	CENTRALIZERS		SCRATCHER		OTHER ACCESSORY EQUIPMENT		REMARKS
	NO. FROM-TO	INTERVAL	NO. FROM-TO	INTERVAL	(SUCH AS DEGRASSERS, MUD, CENTRIFUGE FLOAT COLLARS, ETC. - SPECIFY)		
(S) Surface	(8) 0'-300'		NONE		Guide shoe, float collar		
(P) Production	One per joint						
	(2) 250'-300'						
	Just above 8-5/8"		Shoe		Float shoe, float collar, D.V. tool @ 4600' and 2 metal petal baskets (below D.V. tool)		
	(10) 3850'-4250'						
	One per joint						
	(10) 5550'-5950'		(27) 5550'-5950'				
	One per joint		15' Spacing				
	(9) 6600'-6970'		(26) 6600'-6970'				
	One per joint		15' Spacing				

CEMENT

TYPE OF STRING INTERVAL (FT) FROM-TO TYPE MIX	GEL%	SALT%	CaCl ₂	SLURRY WEIGHT LB./GAL.	SLURRY YIELD OF/SKX	TOTAL AMT. REQUIRED SKX/CF	FILL UP	BHT	SIZE	REMARKS
(S) 0'-300'	-	-	-	15.6	1.18	209/247	Circ.	65°F	12-1/4	100% Excess. Add 1/4#/sack Flocelele i lost circ. occurs
(P) 0'-6970' Around shoe Class 'B'	2%	(50-50 Pozmix)		14.15	1.26	250/316	to 4600'	150°F	7-7/8	50% Excess. Add 1/4#/sack Flocelele i lost circ. occurs
Class 'B'	-	-	-	15.6	1.18	254/300	-	150°F	7-7/8	
Thru D.V. Tool at 4600'										
Class 'B'	2%	(50-50 Pozmix)		14.15	1.26	400/505	to 2200'	125°F	7-7/8	Same as above
Class 'B'	-	-	-	15.6	1.18	100/118				

REMARKS:

1. Lab test slurry for production casing.
2. Add .75% CFR-2 friction reducer to all cement.
3. Pump plug down with treated fresh water.
4. Precede cement with a 15 bbl. treated fresh water flush.
5. Reciprocate casing while cementing.
6. Recalculate cement volumes from OH Caliper lots.
7. Place 1 cement basket above and 1 below DV tool.
8. Condition mud to have 30-32 CP viscosity prior to cementing.