

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

FORM C-128
Revised 5/1/57

SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE

SECTION A

Operator SOUTHWEST PRODUCTION COMPANY		Lease Annual Federal		Well No. 1
Unit Letter D	Section 36	Township 27N	Range 12W	County San Juan
Actual Footage Location of Well: 790 feet from the North line and 1190 feet from the West line				
Ground Level Elev. 5977	Producing Formation Gallup		Pool Undesignated	Dedicated Acreage: 40 Acres

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES ☒ NO ☐ ("Owner" means the person who has the right to drill into and to produce from any pool and to appropriate the production either for himself or for himself and another. (65-3-29 (e) NMSA 1935 Comp.)
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES ☐ NO ☐ . If answer is "yes," Type of Consolidation _____
3. If the answer to question two is "no," list all the owners and their respective interests below: **For Acreage Dedicated Only**

Owner	Land Description

SECTION B

CERTIFICATION

I hereby certify that the information in SECTION A above is true and complete to the best of my knowledge and belief.

Name
Position Agent SOUTHWEST PRODUCTION CO.
Company
Date 5/31/60

I hereby certify that the well location shown on the plat in SECTION B 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.

**Surveyor's plat
Filed previously**

Date Surveyed
Registered Professional Engineer and/or Land Surveyor
Certificate No.



0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

INSTRUCTIONS FOR COMPLETION OF FORM C-128

1. Operator shall furnish and certify to the information called for in Section A.
2. Operator shall outline the dedicated acreage for *both* oil and gas wells on the plat in Section B.
3. A registered professional engineer or land surveyor registered in the State of New Mexico or approved by the Commission shall show on the plat the location of the well and certify this information in the space provided.
4. All distances shown on the plat must be from the outer boundaries of the Section.
5. If additional space is needed for listing owners and their respective interests as required in question 3 of Section A, please use space below.

STATE OF NEW MEXICO	
OIL COMMISSION COMMISSION	
ALBUQUERQUE DISTRICT OFFICE	
NUMBER OF COPIES RECEIVED	
DISTRIBUTION	
SURVEYOR	
FILE	
CLERK	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
REGISTRATION OFFICE	
OPERATOR	

A blank grid for drawing a picture, consisting of 10 columns and 10 rows of squares.

RECEIVED
JUN 8 1966
OIL COMPANY
DEPT.

U. S. LAND OFFICE **8F-87923**
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

e/o Oil Reports

Company Southwest Production Co. Address Box 763 - Hobbs, New Mexico
 Lessor or Tract Ramall Federal Field Under-Gallup State New Mexico
 Well No. 1 Sec. 36 T. 27N R. 12W Meridian NMPN County San Juan
 Location 790 ft. N of N Line and 1190 ft. E of W Line of Sec. 36 Elevation 5977
 (Depth from relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Date **June 3, 1968** Signed **Nolan Smith** Title **Agent**

The summary on this page is for the condition of the well at above date.

Commenced drilling 12/4/59, 1959 Finished drilling 12/31/59, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

(Delete page 3)

No. 1, from	G 6030	to	6114	No. 4, from	to
No. 2, from	G 6036	to	6069 slight show	No. 5, from	to
No. 3, from	O 5116	to	5340	No. 6, from	to

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4 51	204' 6250'	200 Sx 2 1/2 CC, pump & plug 400 Sx reg. 4 1/2' job & 2 1/2 CC + 12 1/2' Gileomite			

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material.....	Size
------------------------	------------

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 0 feet to 6260 feet, and from _____ feet to _____ feet.

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

DATES

DATE June 3, 1960, 1960

The production for the first 24 hours was 63.72 barrels of fluid of which 100 % was oil; -----
emulsion: ----- % water: and ----- % sediment. Gravity, °Bé. -----

If gas well cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

EMPLOYEES		Huron Drig. Co., Contractor	
W. R. Butler	Driller	E. J. Morris	Driller
J. C. Deigner	Driller	A. J. Drake	Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			Electric Log Tapes
			Fruitland 1320
			Pictured Cliffs 1410
			Lands 1614
			Point Lookout 3886
			Mamons 4208
			Gallup 5096
			Greenhorn 5878
			Dakota 5996
			Morrison 6220
LO—		LOLVT REEL	LOG INVLIOE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

4-10-68 12:00

Continued on page 10

(A) `pd.Series(1)`

IMPORTANT WATER BARRIERS

CRIMINAL RECORD

It is on the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "side tracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If there are bridges over the well, state kind of material used, position, and results of pumping of barrels of shot. If there are bridges over the well, state kind of material used, position, and results of pumping of barrels of shot.

16-43084-2 U. S. GOVERNMENT PRINTING OFFICE

MUDGING AND CEMENTING RECORD

ESTRADA CIA EQUIS

SHOOTING RECORD

TOOLS USED

DATE:

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FORMATION RECORD

NOTATION

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FORMATION

FORMATION RECORD—Continued

150745

Report of Subsequent Work-

January 1, 1960 WOC 72 hours

Perf: 6176-6200 24 ft. Killed well with water

Ran tubing to 6126', 194' into w/ cellar on bottom

Swabbed back salt water and fresh water used to kill well

Swabbed well for production test showed 190-200 bbls. distillate

70-80 bbls. water and approximately 1,000 MCFD.

SF/20,000 gal water 20,000# sand 1" OC max treat press 3650-3200# av inj. rate 31.85PPH
SIF 2000# after 15 min. 2000# well closed in 11:45 A. M. 1/11/60 to 9:00 A. M. 1/12/60,
After 21 hrs 31 tubing press. 2900#, avg. 40.

Blow well out and started to mash, swabbed back all load water and approx 900 bbls
formation water.

Set Baker Cast Iron cement retainer @ 6115' and squeezed w/100 ex cement.

Did not squeeze WOC 10 hrs, 2nd stage 50 ex. Final squeeze pressure 3800# WOC 48 hrs.

Perfs: 6130-6111, 6081-6050 w/1 1/2" JST Break down formation w/1500 gals MCA 111'

Frac w/70,000 gal water 1/8PPG Break down press 3400#, max frac pressure 3200#
min 2100# Inj rate 47 MPM

Ran tubing to 6110', swabbed for production test

Swabbed all load water approx 1000 bbls. formation water

Well making approx 3 MCFD plus 8 M in mash

Set Baker Drillable magnesium (DM) cement retainer @ 5994' squeezed w/150 ex MCA
Cement PP 3700#, WOC 72 hrs.

Drilled out to 6030'

Perf w/1 1/2" JST & 1 1/2" bullet shots per ft. 6060-6030'

Acidized w/250 gal MCA 15% 30,000 gal water 1/8PPG

Ran tubing to 6061' swabbed for production test, well still making formation
water, closed well in 2/10/60 to 4/6/60.

4/6/60

Re-entered well, set Halliburton drillable magnesium cement retainer at 5988'

Squeezed perf 6080-30 w/100 ex Laton PP 4000# reversed out 15 ex

WOC 72 hrs 30 6070 & made abrasive jet out @ 6060' using 7000# 20/40 sand 7000 gal water

Break down form w/water through tubing w/plur out @ 3940', break down pressure 4800#

Max press 3600# min press 3000# Swabbed dry no formation water

Gas production too low, approx 25 MCFD

Perf: 6069-6036' w/1 1/2" JST & 2 1/2" bullet shots per ft.

Frac/97,000 gal gal water, 97,000# sand 20/20 sand Break down pressure 3800#

Max press 3500#, Min 2900# Swabbed for production test 4/25/60.

No apparent increase in production

Set Baker Bridging Plug @ 5770', Perf. 5116-36, 5224-36; 5244-56, 5272-5340

Well placed on production made 63.71 BO -O- M in 24 hrs. producing from Gallup
pay, First oil tanks 5/30/60.

SF/83,000 gal oil 80,000# sand 20/40 1st stage 63,640 oil. 2nd Stage 6000# sand.

60,000