

Scout Report sent out  
 Noted in the NID File  
 Location map pinned  
 Approval or Disapproval Letter  
 Date Completed, P. & A, or  
 operations suspended  
 Pin changed on location map  
 Affidavit and Record of A & P  
 Water Shut-Off Test  
 Gas-Oil Ratio Test  
 Well Log filed

4-12-56

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**FILE NOTATIONS**

Entered in NID File ✓  
 Entered On SR Sheet ✓  
 Location Map Pinned ✓  
 Card Indexed ✓  
 IWR for State or Fee Land \_\_\_\_\_

Checked by Chief ✓  
 Copy NID to Field Office ✓  
 Approval Letter \_\_\_\_\_  
 Disapproval Letter \_\_\_\_\_

**COMPLETION DATA:**

Date Well Completed 4-13-56  
 OW \_\_\_\_\_ WY \_\_\_\_\_ TA \_\_\_\_\_  
 GW \_\_\_\_\_ OS \_\_\_\_\_ PA ✓

Location Inspected \_\_\_\_\_  
 Bond r- \_\_\_\_\_  
 State of Fee Land \_\_\_\_\_

**LOGS FILED**

Diller's Log 4-56

Electric Logs (No. 1) \_\_\_\_\_  
 E \_\_\_\_\_ I \_\_\_\_\_ S-I \_\_\_\_\_ GR \_\_\_\_\_ GR-N ✓ Micro \_\_\_\_\_  
 Lat \_\_\_\_\_ N-1 \_\_\_\_\_ Semic \_\_\_\_\_ Others \_\_\_\_\_

Offices:  
Los Angeles  
Oklahoma City  
Dallas, Texas  
Denver, Colo.  
Albuquerque, New Mexico  
Grand Junction, Colo.

719 Farmers Union Building  
16th and Sherman Streets  
Denver 3, Colorado  
AMherst 6-0283

Wm. Ross Cabeen & Associates  
Geologists and Engineers  
Petroleum - Mining

10 February 1956

Mr. Jack Feight  
Utah Oil and Gas Conservation Commission  
Room 105  
State Capitol Building  
Salt Lake City, Utah

Dear Mr. Feight:

I am enclosing a copy of "Sundry notices and reports on wells" which we are filing with the U.S.G.S. The location and other data is shown on this form. After talking to you on the phone it was decided that we would move the location to a 40-acre spot as shown. It is important for us to know, however, as to the future possibility of drilling on 160-acre spacing. At such time as we may require such an approval I shall furnish you with our reasons.

Thank you for your help in this matter.

Very truly yours,

*Burdette A. Ogle*  
Burdette A. Ogle  
Division Manager

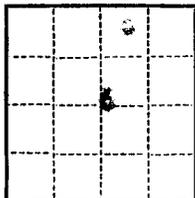
BAO:sjl  
encl.

*O.K. for approval  
C. Hauptman  
2/14/56.*

*NE 1/4 36 205 21E  
300 well 6,600 feet from  
proposed location*

*Bond furnished  
BO*

*2/14/56 obtained the above information from  
Don Russell this date. Don has approved application  
to Feight*



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Utah  
Lease No. 09196  
Unit \_\_\_\_\_

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

February, 19 56

Well No. 1 is located 660 ft. from N line and 1900 ft. from E line of sec. 6  
NE/4 Sec. 6 T 21 S - R 22 E SLM  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
So. Cisco Dome Wildcat Grand Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is \_\_\_\_\_ ft. \*elevation being surveyed, data will follow.

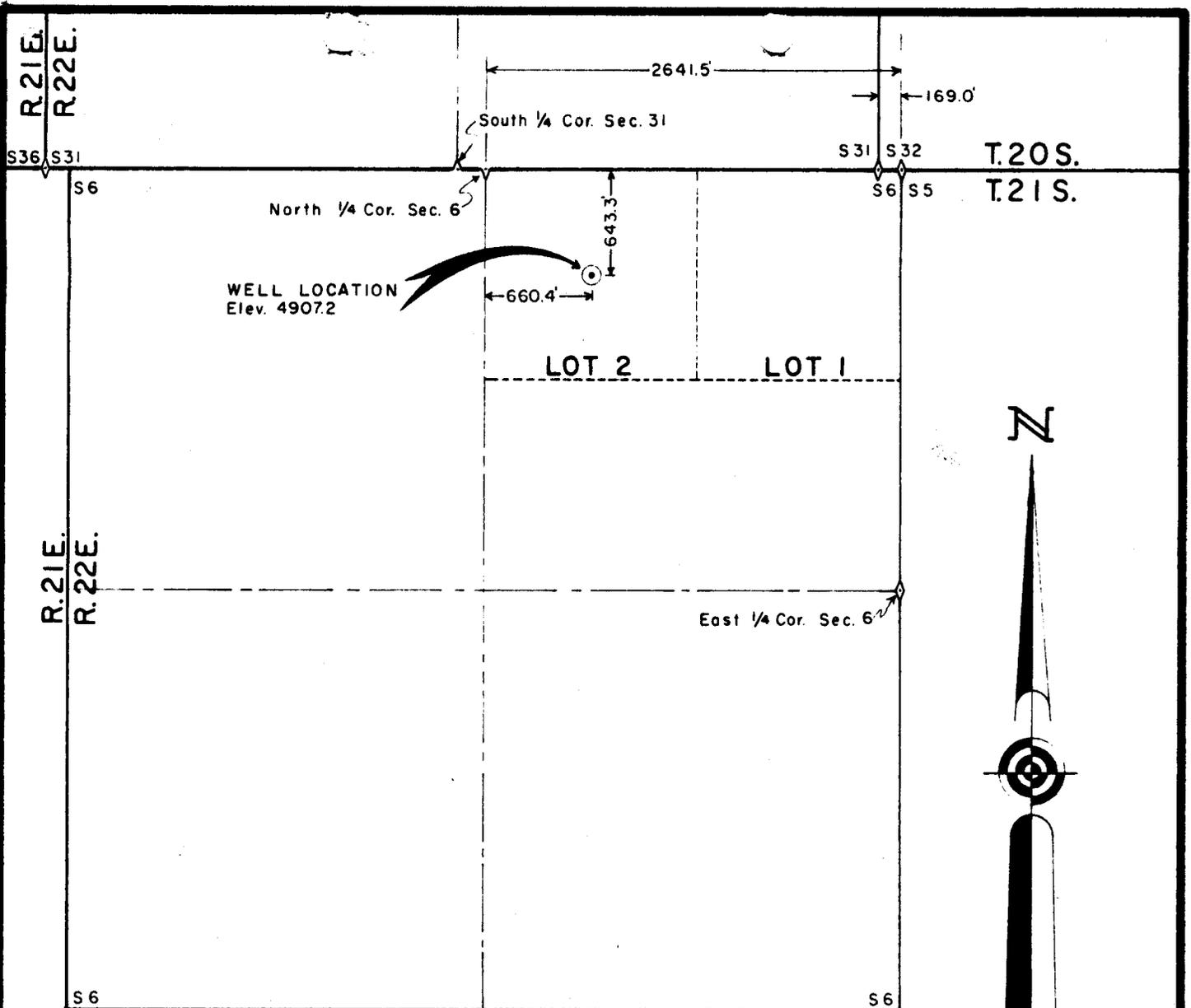
DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Plan to drill 12-1/2" hole from surface to 250'; then set 10-3/4" surface pipe at 250'. Well to be drilled with cable tools. Plan to drill ahead with 10" hole, setting intermediate strings and reducing hole as needed. expect to complete using 5-1/2" casing. Expected tops: Dakota....2050'  
 Harrison..2150'  
 Entrada...2300'  
 we plan to drill approximately 50' into the Entrada.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Cabeen Exploration Corporation  
 Address 719 Farmers Union Bldg.  
Denver, Colorado  
AMherst 6-0263  
 By Burdette G. Ogle  
 Title Executive Vice President



**WELL LOCATION**  
**Sec. 6 T.21S.,R.22E., Salt Lake Base and Meridian**

SCALE 1"=1000'



I, Richard J. Mandeville do hereby certify that this plot was plotted from notes of an actual field survey made by me on February 11, 1956

*Richard J. Mandeville*  
 Registered Engineer & Land Surveyor

<b>WESTERN ENGINEERS</b> <b>WELL LOCATION</b>	
<b>CABEEN EXPLORATION CORP</b> CENTER NW 1/4 NE 1/4 (LOT 2) Sec. 6 GRAND COUNTY, UTAH	
SURVEYED <u>R. J. M.</u>	DRAWN <u>L. B. P.</u>
GRAND JUNCTION, COLORADO      FEBRUARY 14, 1956	

February 14, 1956

AIR MAIL

Cabean Exploration Corporation  
719 Farmers Union Building  
Denver, Colorado

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. 1, which is to be located 660 feet from the north line and 1980 feet from the east line of Section 6, Township 21 South, Range 22 East, 31M, Grand County.

Please be advised that insofar as this office is concerned approval to drill said well is hereby granted.

However, said approval is conditional upon your forwarding a map or plat to the Utah Oil and Gas Conservation Commission as required by Rule C-4 (a), General Rules and Regulations.

Yours very truly,

HERBERT F. SMART  
COMMISSIONER

cc: D. Russell  
Geological Survey, Federal Bldg, City.

Offices:  
Los Angeles  
Oklahoma City  
Dallas, Texas  
Denver, Colo.  
Albuquerque, New Mexico  
Grand Junction, Colo.

719 Farmers Union Building  
16th and Sherman Streets  
Denver 3, Colorado  
AMherst 6-0283

Wm. Ross Cabeen & Associates  
Geologists and Engineers  
Petroleum - Mining

17 February 1956

The State of Utah  
Oil and Gas Conservation Commission  
Salt Lake City 14, Utah

Attention: Mr. Jack Feight

Gentlemen:

Please refer to your letter of February 14th granting approval of our intention to drill in Section 6, T21S-R21E, Grand County, Utah.

As requested in that letter, I am forwarding the Surveyor's plat which I assume is the plat to which you referred.

Please send me a copy of the General Rules and Regulations of the Commission. *Sent Feb 21, 56*

Thank you.

Very truly yours,

*Thomas C. Moran*  
Thomas C. Moran

TCM/mac  
Enclosure

STATE OF UTAH

Cabeen Exploration Corp., 719 Farmers Union Bldg., Denver 3, Colo.

OIL AND GAS CONSERVATION COMMISSION LOG OF OIL OR GAS WELL

Well No. 1-Gov't. Robertson, which is located 660 ft from (N/S) line and 1980 ft from (E/W)

line of Sec 6 Twp 21S, R 22E, S1M, Cisco Dome (Wildcat), Grand (Meridian) (Field or Unit) (County)

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 as of May 29, 19 56 and is to be kept confidential until 19 (See Rule C-5). Drilling operations were (completed)(suspended)(abandoned) on April 13, 19 56

Date: May 13, 19 56 Signed: W.R. Oates Title: Geologist

OIL OR GAS SANDS OR ZONES

No. 1, from to No. 3, from to No. 2, from to No. 4, from to

IMPORTANT WATER SANDS OR ZONES

No. 1, from 3098 to 3106 (1300 PPM/ NaCl) No. 3, from to No. 2, from to No. 4, from to

CASING RECORD

Table with columns: Size of Hole, Size Casing, Weight per ft, Threads per Inch, Make, Amount, Kind of shoe, Cut & Pulled from, Per from, and Surface. Rows include 12 1/2", 10", and 8" casing sizes.

MUDDING AND CEMENTING RECORD

Table with columns: Size casing, Where set, Number of sacks of cement, Method used, Mud gravity, and Amount of mud used. Rows include 10-3/4" and 8-5/8" casing sizes.

TOOLS USED

Cable tools were used from Surface to 3106 (T.D.) and from Rotary tools were used from to and from to

PRODUCTION

Put to producing, 19 OIL WELL: The production during the first 24 hours was barrels of liquid of which % was oil; % was emulsion; % was water; and % was sediment Gravity:

GAS WELL: The production during the first 24 hours was MCF plus barrels of liquid hydrocarbon. Shut in pressure lbs. Length of time shut in

FORMATION RECORD

Table with columns: From, to, Thickness in feet, and Formation. Rows include Surface, 2339, 2406, and 3098 depths with formations like Mancos Shale, Dakota fm, Morrison, and Entrada Fm.

HISTORY OF WELL

Slight show of gas in Dakota FM (Depleted) Entrada Fm carried water (1300 PPM NaCl)

( If additional space is needed use back of page or attach separate sheet)

Note: A copy of the U.S.G.S "Plugging and Abandonment" notice approved by their Engineer will follow. W.R.O.

Sample Description

(Adjusted to Gamma Ray - Neutron log)

- 1900-2035 Shale-Black-pyrite fragments-limy from 1965'-5% tan bentonite
- 2035-2045 Sh-blk 70%-Sand-Lt gry-vfg-Limy-Hard-20%
- 2045-2055 Silt-with some vf gr sd
- 2055-2078 Sh-blk, silt-gry 50%-50%
- 2078-2113 Silt-gray-with little vfg sd
- 2113-2170 Silt-gray-fine grain limy sd at top-numerous fine grain discrete quartz sand grains
- 2170-2202 Silt-gray-pyritic, 5% white rhyolite mica ash (probably called bentonitic) little vf gr sd
- 2202-2226 Silt stone-gray-25% vf gr light gray sd, little pyrite, 5% fragments of white lm st
- 2226-2245 Silt-with abundant fine grain light gray, vfg sd-firm friable-little gas in mud
- 2245-2290 Silt-blk-95%-trace pyrite, trace lime
- 2290-2339 Silt blk-80%, 10% vfg sand, few discrete quartz sand grains, abundant pyrite
- 2339-2352 Sand-80% fm gr-gry-clear, fair to good por, well cemented, non calcareous, rd-sub-round, fair flavor good odor, fair puff of sweet gas that died after drilling ahead. picked up approx ¼ baller of water per hour that also depleted after drilling 30-40 feet deeper
- 2352-2364 Silt-dk to lt gray-hard 50%, Sand lt gry-m gr consid free quartz grains 50%-little rhyolite
- 2364-2375 Sand-lt gray to clear, many discrete quartz grains considerable angular chert, clear to blue gray
- 2375-2406 Sh & Silt-dk to lt gray, some steel gray-little fine quartz grains, hard, tr bentonite, becoming slightly sandy at base
- 2406-2415 Sh & Silt-gray green to green, hard, tough, brittle little angular quartz-very slightly calcareous
- 2415-2465 Shale-mainly gry green to green, some red brn sh at top, hard, waxy, some silt stone throughout
- 2465-2495 Shale & silt-gray green to green, lavender, red, little vf gr sd
- 2495-2517 Sand 50%, buff, f gr, sub round to round unconsolidated Sh & silt 50% V-colored

- 2517-2532 Silt V-colored 20% Sh V-colored 65% sd 15%
- 2532-2539 Sand clear, m-c gr, round, loose, 45%, sh V-colored, 35%, white clay like material 20%
- 2539-2599 Shale & silty Sh v-colored
- 2599-2609 Same as above with considerable small black specks in shale
- 2609-2716 Shale & sdy shale Shale 50% V-colored sandy shale 50% V-colored some loose quartz grains, few clusters of sand
- 2716-2726 Sand fine to coarse grain, round, clear, 70% shale V-colored 30% (making a little extra water and a thin scum of dead oil.)
- 2726-2781 Shale & silt V-colored (about equal Red & green) little sdy shale
- 2781-2803 Sand, 60%, f-c gr, round-subround, 40% V-colored shale (picked up approx 1½ bailers of water per hour which decreases as drilling progressed)
- 2803-2812 Shale & silt V-colored 85% loose quartz grains clear & rounded 12%-15%
- 2812-2827 Sand, 50%, f-c gr, buff, sub angular round, tightly cemented, many loose grains, Shale 50%
- 2827-2841 Shale Sdy sh 80%, mostly Red Brown, little green and lavender, 20% loose quartz grains
- 2841-2865 Sand 50% to 70% Buff, VF to F gr, quartzitic in part, very hard & tight, 30% shale (mostly reds)
- 2865-2907 Shale, silt & sdy shale V-colored (80% red, 20% green)
- 2907-2912 Sand, VF gr, quartzitic, buff, tight, 80%, 20% shale and silt, V-colored
- 2912-2950 Shale & sdy shale Reds 60% Greens 30%, very little VF gr tight sand
- 2950-2965 Sand, buff, angular to sub round, F gr, friable 80%, 20% V-colored shale
- 2965-2979 Shale V-colored 50%-50% reds & greens
- 2979-3000 Sand, buff, VF to F gr, sub angular, 55%-45% V-colored shale
- 3000-3010 Shale as above, mostly reds, less greens

- 3010-3030 Sand, 30-40%, mostly loose, VFgr to Fgr, white to buff, sub round, Rest dk green shale (very little reds)
- 3030-3056 Shale 50%-50% reds & greens, tr bentonite
- 3056-3076 Sand & sdy sh VF gr sd, buff to red, tight considerable red-orange chert
- 3076-3098 Shale & sdy shale 90% Rust red, little green many loose grains of VF gr quartz sand
- 3098-3106 Sd buff, fine gr, sub round, unconsolidated, (Hole filling with water, 1300 P.P.M. NaCl)