

BEFORE EXAMINER UTZ
OIL CONSERVATION COMMISSION

EXHIBIT NO. 1
 CASE NO. 2777

3W

CONSOLIDATED PC 12 OK PC 11 MV "Tribal C"	SOCONY PC	OCCIDENTAL 9	CONSOLIDATED (OXY) "Jicarilla"	NW PROD PC MV 10 TD 6085 PC-MV Drilling
SOCONY 17	PC MV 1850	CONSOLIDATED 16 "Apache"	CONSOLIDATED (NWP) OX-OK PC-OK Drilling "Apache"	15 PC MV 26N
SOCONY 20 PC MV	PC MV	OCCIDENTAL (NWP) 21 PC MV	CONSOLIDATED (OXY) 22	22

CONSOLIDATED OIL & GAS, INC.
 NMOGCC Case 2777 - 3-20-63

WELL: APACHE NO. 2-16
790' F/NL, 1850' F/WL, Sec. 16, T26N-R3W
FIELD: Basin Dakota, Tapicito Pictured Cliffs
COUNTY: Rio Arriba STATE: New Mexico
ELEVATIONS: 7030.6' GL
7042.6' KB

1/31/63

Moving in rotary rig.

2/1/63

Finished moving in rotary and rigged up. Present operation, drilling rat hole.

2/2/62

Depth 310'. Drilled 310' of 15" surface hole. Present operation, circulating, waiting on cementing equipment.

2/3/62

Depth 380'. Drilled 70'. Rigged up and ran 10 joints 9 5/8" surface pipe. Total pipe 319', set at 308' KB. Cemented with 270 sx. regular cement, 4% CaCl₂. Good returns. Drilled out of pipe, pipe started to shift in hole. Present operation, cementing pipe from top of hole.

2/4/63

Depth 1497'. Drilled 1117' of sand and shale. Making trip for Bit 2. Mud 8.9. Vis. 38. Dev. 1/2° at 800', 1° at 1250'. Recemented top of surface with 26 sx. Everything OK now.

2/5/63

Drilling at 2435'. Drilled 938' of sand and shale. Drilling with Bit 2. Mud 9.2. Water loss 7.4. Dev. 1 1/2° at 1550', 2° at 2050'.

BEFORE EXAMINER UTZ	
OIL CONSERVATION COMMISSION	
EXHIBIT NO.	<u>2</u>
CASE NO.	<u>2777</u>

WELL:

APACHE NO. 2-16

2/6/63

Depth 3030'. Drilled 697' of sand and shale. Drilling with Bit 4. Mud 9.3. Vis. 38. Dev. 1° at 2550', 1° at 2900'.

2/7/63

Depth 3432'. Drilled 400' of sand and shale. Present operation, drilling with Bit 5. Mud 9.5. Vis. 36. Dev. 1 1/2° at 3235'.

2/8/63

Depth 3862'. Drilled 430' of sand and shale. Present operation, drilling with Bit 6. Mud 9.3. Vis. 40. Dev. 27° at 3600'.

2/9/63

Depth 3950'. Drilled 88', logging tool hit bridge at 3100'. Went back in hole with drill pipe and conditioned hole to TD. Ran logs. Present operation, coming out of hole with logging tool and preparing to run casing.

2/10/63

Ran 97 joints 7" 23#, 8-round casing, total pipe 3955.76', less above KB 9.00', float collar at 3904.76' KB, pipe set at 3946.76' KB. One centralizer on shoe joint, one centralizer at 3350' KB. Cemented with 144 sx. regular 4% gel. Good returns on cement job, present operation, going in hole blowing down at 1800'.

2/11/63

Finished blowing hole to 3807', hit cement, blew and dried hole up. Drilled 140' of cement. Present operation, drilling at 3938', well dusting.

2/12/63

Depth 5080'. Drilled 1130'. Drilling with Bit 7. Dev. 1° at 4350', 3/4° at 4820'.

2/13/63

Depth 5498'. Drilled 418' of sand and shale. Present operation, blowing hole in prep to pressure up, had some moisture at 5468'. From 5468' to 5478' well dusted some, 5478' to 5498' no dust. Have been blowing hole five hours, hole indicates trying to dry up. Have hit no visible moisture, no show of gas.

WELL:

APACHE NO. 2-16

2/14/63

Depth 5552'. Drilled 54', no dust, Present operation, pulling out of hole at present will drill pipe in preparation to squeeze.

2/15/63

Went back to bottom, cleaned up hole, came out of hole, put Baker retainer on, set packer at 5436' KB. After setting packer, pulled 20,000#, then set 45,000# down on packer, stayed OK. Loaded drill pipe with water. Pressured up hole below packer, started taking fluid at 600#. Pumped 6 bbls. water into open hole below Baker packer, started leaking, shut pressure down, pulled 20,000# on Baker packer, packer held. Set back down on packer 45,000#, could not move packer. Started pumping down drill pipe, packer still leaking, got loose from packer, came out of hole. Present operation, blowing hole down at 3900'.

2/16/63

Depth 5633'. Drilled 83', cleaned out to packer, drilled packer. Well dusted for 83', stopped dusting. Went in hole with drill pipe, open end and spotted 200 sx. regular cement with 2% CaCl₂. Present operation, WOC. Spotted 1000' of water on top of cement.

2/17/63

After spotting cement, went back in hole with drill pipe and bit, found top of cement at 4536'. Blew and dried up at this depth, started drilling cement, drilled to 5100', no cement from 5100' to 5300' (200'). Present operation, blowing hole at 5300', trying to get well to dust.

2/18/63

Depth 5485'. Blowing hole, drilled 185' of cement. Have been flowing at this depth for 4 hours. Well started to show a little dust.

2/19/63

Cleaned out, drilled cement from 5485' to 5535', 50'. Came out of hole with drill pipe, very muddy and dirty. Went back in hole with drill pipe, worked and cleaned hole up, started injecting soap at 5535' (1 qt. per 4 gals. water every 15 minutes). Drilled cement from 5535' to 5640' (original TD), total 115'. Pipe dragging heavy, blew and cleaned hole. Drilled from 5640' to 5648', 8' of new hole, well trying to dust. Present operation, making connection to drill ahead.

WELL: APACHE NO. 2-16

2/20/63

Depth 5906'. Drilled 258'. Used 10 gal. OK Chemical and 1 gal. T-99. Present operation, flushing hole with soap and water.

2/21/63

Depth 6366'. Drilled 460' of sand and shale. Dev. 1° at 5950'. Used 6 gal. OK and 2 gal. T-99. Present operation, thawing out stem pipe and rotary hose and making trip for Bit 11.

2/22/63

Went back in hole with no bit. Hole had 150' of fillup. Cleaned out to 6286', picked up to make connection. Hole sluffed in on top of bit. Worked pipe for 3 hours, got pipe loose, came up into intermediate with bit. Started blowing hole down. Present operation, blowing and cleaning hole at 5856', 510' off of bottom. As soon as hole is cleaned will come out of hole with drill pipe to run casing.

2/23/63

Conditioned hole and ran total of 2256.49 4 1/2" casing, 2043' of 10.5# 213 of 11.6#, set at 6005' KB, float collar at 5972' KB, top of liner at 3747' KB., cemented with 361 sx. 50-50 Pozmix, 4% Gel, plug down at 5:30 a.m., 2-23-63. Present operation coming of hole with drill pipe.

2/24/63

Finished coming out of hole, lay down hanger tool. Go back in hole with drill pipe, found top of cement at 3600'. Laid down drill pipe, shut rig down, waiting on roads to dry up.

2/25/63

Shut down due to muddy roads.

2/26/63

Shut down due to bad weather and road conditions.

2/27/63

Shut down due to muddy roads.

WELL: APACHE NO. 2-16

2/28/63

Shut down due to road conditions.

3/1/63

Shut down due to road conditions.

3/2/63

Shut down due to mud.

3/3/63

Shut down due to mud.

3/4/63

Will start up today.

3/5/63

Starting up rig. Put 6 1/4" bit on, started picking up 2 3/8" tubing at 4 p.m. March 4. Hit first bridge of cement at 2900'. Rig up pump broke circulation and cleaned hole up. Ran tubing on to 3150'. Present drilling cement at 3150'.

3/6/63

Found top of liner at 3740'. Drilled float collar and cleaned out to 5992'. Pressured up to 1300 lbs. Present operation logging. Log indicates base of Mesaverde at 5977'.

3/7/63

Finished logging. Released rotary rig 9:30 a.m. March 6, 1963.

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF NEW MEXICO FOR
THE PURPOSE OF CONSIDERING:

CASE No. 2777
Order No. R-2463

APPLICATION OF CONSOLIDATED OIL
& GAS, INC., FOR AN UNORTHODOX
LOCATION, RIO ARRIBA COUNTY,
NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on March 20, 1963, at Santa Fe, New Mexico, before Elvis A. Utz, Examiner duly appointed by the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission," in accordance with Rule 1214 of the Commission Rules and Regulations.

NOW, on this 5th day of April, 1963, the Commission, a quorum being present, having considered the application, the evidence adduced, and the recommendations of the Examiner, Elvis A. Utz, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That the applicant, Consolidated Oil & Gas, Inc., seeks authority to complete its Apache Well No. 2-16 in the Blanco-Mesaverde Pool at an unorthodox location 790 feet from the North line and 1850 feet from the West line of Section 16, Township 26 North, Range 3 West, NMPM, Rio Arriba County, New Mexico.

(3) That the applicant commenced drilling operations at the above location with the intention of completing the subject well as a Basin Dakota-Tapacito Pictured Cliffs dual completion; that the applicant lost junk in the hole below 5992 feet; and that it is not now economically feasible to complete the subject well in the Basin-Dakota formation.

(4) That approval of the subject application will neither cause waste nor impair correlative rights.

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CASE No. 2777

Order No. R-2463

(5) That approval of the subject application will prevent economic waste caused by the drilling of unnecessary wells.

IT IS THEREFORE ORDERED:

(1) That the applicant, Consolidated Oil & Gas, Inc., is hereby authorized to complete its Apache Well No. 2-16 at an unorthodox location in the Blanco-Mesaverde Pool 790 feet from the North line and 1850 feet from the West line of Section 16, Township 26 North, Range 3 West, NMPM, Rio Arriba County, New Mexico.

(2) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

Jack M. Campbell
JACK M. CAMPBELL, Chairman

E. S. Walker
E. S. WALKER, Member

A. L. Porter, Jr.
A. L. PORTER, Jr., Member & Secretary

