KOLAR Document ID: 1593613

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

Form ACO-1
January 2018
Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

| OPERATOR: License # | API No.: | | | | | |
|---|--|--|--|--|--|--|
| Name: | Spot Description: | | | | | |
| Address 1: | | | | | | |
| Address 2: | Feet from North / South Line of Section | | | | | |
| City: State: Zip:+ | Feet from _ East / _ West Line of Section | | | | | |
| Contact Person: | Footages Calculated from Nearest Outside Section Corner: | | | | | |
| Phone: () | □NE □NW □SE □SW | | | | | |
| CONTRACTOR: License # | GPS Location: Lat:, Long: | | | | | |
| Name: | (e.g. xx.xxxxx) (e.gxxx.xxxxx) | | | | | |
| Wellsite Geologist: | Datum: NAD27 NAD83 WGS84 | | | | | |
| Purchaser: | County: | | | | | |
| Designate Type of Completion: | Lease Name: Well #: | | | | | |
| New Well Re-Entry Workover | Field Name: | | | | | |
| | Producing Formation: | | | | | |
| ☐ Oil ☐ WSW ☐ SWD | Elevation: Ground: Kelly Bushing: | | | | | |
| ☐ Gas ☐ DH ☐ EOR | Total Vertical Depth: Plug Back Total Depth: | | | | | |
| ☐ OG ☐ GSW | Amount of Surface Pipe Set and Cemented at: Feet | | | | | |
| CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.): | Multiple Stage Cementing Collar Used? | | | | | |
| If Workover/Re-entry: Old Well Info as follows: | If yes, show depth set: Feet | | | | | |
| • | If Alternate II completion, cement circulated from: | | | | | |
| Operator: | • | | | | | |
| Well Name: | feet depth to: sx cmt. | | | | | |
| Original Comp. Date: Original Total Depth: | | | | | | |
| ☐ Deepening ☐ Re-perf. ☐ Conv. to EOR ☐ Conv. to SWD | Drilling Fluid Management Plan | | | | | |
| Plug Back Liner Conv. to GSW Conv. to Producer | (Data must be collected from the Reserve Pit) | | | | | |
| Commingled Permit #: | Chloride content: ppm Fluid volume: bbls | | | | | |
| Dual Completion Permit #: | Dewatering method used: | | | | | |
| SWD Permit #: | Location of fluid disposal if hauled offsite: | | | | | |
| EOR Permit #: | · | | | | | |
| GSW Permit #: | Operator Name: | | | | | |
| | Lease Name: License #: | | | | | |
| Spud Date or Date Reached TD Completion Date or | Quarter Sec. Twp. S. R. East West | | | | | |
| Recompletion Date Recompletion Date | County: Permit #: | | | | | |

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

| KCC Office Use ONLY | | | | | | | | |
|---|--|--|--|--|--|--|--|--|
| Confidentiality Requested | | | | | | | | |
| Date: | | | | | | | | |
| Confidential Release Date: | | | | | | | | |
| Wireline Log Received Drill Stem Tests Received | | | | | | | | |
| Geologist Report / Mud Logs Received | | | | | | | | |
| UIC Distribution | | | | | | | | |
| ALT I III Approved by: Date: | | | | | | | | |

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Page Two

| Operator Name: _ | | | | Lease Name: | | | Well #: | | |
|---|---|-----------------------|------------------------------|----------------------|---|---------------------|---|--|--|
| Sec Twp. | S. R. | Ea | ast West | County: | | | | | |
| | flowing and shu | ıt-in pressures, w | hether shut-in pre | ssure reached st | atic level, hydrosta | tic pressures, bot | | val tested, time tool erature, fluid recovery, | |
| Final Radioactivity files must be subm | | | | | | iled to kcc-well-lo | gs@kcc.ks.gov | . Digital electronic log | |
| Drill Stem Tests Ta | | | Yes No | | _ | on (Top), Depth ar | | Sample | |
| Samples Sent to G | Geological Surv | ey | Yes No | Na | me | | Тор | Datum | |
| Cores Taken Electric Log Run Geologist Report / List All E. Logs Ru | _ | | Yes No Yes No Yes No | | | | | | |
| | | R | | | New Used | on, etc. | | | |
| Purpose of Strir | | Hole | Size Casing Set (In O.D.) | Weight Lbs. / Ft. | Setting Depth | Type of Cement | # Sacks Used | Type and Percent Additives | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | ADDITIONAL | CEMENTING / S | QUEEZE RECORD | I | | | |
| Purpose: | | epth Ty | pe of Cement | # Sacks Used | # Sacks Used Type and Percent Additives | | | | |
| Protect Casi | | | | | | | | | |
| Plug Off Zon | | | | | | | | | |
| Did you perform a Does the volume o Was the hydraulic | of the total base f | luid of the hydraulic | fracturing treatment | _ | = | No (If No, sk | ip questions 2 an ip question 3) out Page Three (| , | |
| Date of first Producti Injection: | ion/Injection or Re | esumed Production | / Producing Meth | nod: | Gas Lift 0 | Other (Explain) | | | |
| Estimated Production Per 24 Hours | on | Oil Bbls. | | | | | Gas-Oil Ratio | Gravity | |
| DISPOS | SITION OF GAS: | | N | METHOD OF COMP | LETION: | | | N INTERVAL: Bottom | |
| | _ | on Lease | Open Hole | | | mmingled mit ACO-4) | Тор | Bottom | |
| , | , Submit ACO-18.) | | | | · · · · · · · · · · · · · · · · · · · | | | | |
| Shots Per Foot | Shots Per Perforation Foot Top Bottom Type Set At Acid, Fracture, Shot, Cementing Squeeze Record (Amount and Kind of Material Used) | | | | | | | Record | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| TUBING RECORD: | Size: | Set / | At: | Packer At: | | | | | |
| . 5513 (1200) 10. | JIEG. | | | . 30.0.71 | | | | | |

| Form | ACO1 - Well Completion |
|-----------|------------------------|
| Operator | Altavista Energy, Inc. |
| Well Name | ALEXANDER EAST A-2A |
| Doc ID | 1593613 |

Casing

| Purpose Of String | Size Hole Drilled | Size Casing Set | | | Type Of Cement | | Type and Percent Additives |
|----------------------|----------------------|-----------------------|-----|------|-------------------|-----|----------------------------------|
| Surface | 12.25 | 7 | 21 | 42 | Portland | 10 | NA |
| Production | 5.875 | 2.875 | 6.5 | 1119 | HD5055 | 137 | See Ticket |
| | | | | | | | |
| | | | | | | | |

DRILLERS LOG

| | | | | KILLE | KO LC | <u> </u> | _ | | | | | |
|----------------|-------------------------------------|-------------|-----------------------|------------------|------------|----------|-------------------|---------------------------|------------|------------|------------|------------|
| API NO: 15 - | 207 - 29787 | - 00 - 00 | | | | | | S. 2 | T. 24 | R. 16 | <u>E.</u> | W. |
| OPERATOR: ALT | AVISTA ENE | RGY INC | _ | | | | LC | CATION: | NW NE | SE NE | | |
| | | | | | | | COUNTY | WOODS | OODSON | | | |
| ADDRESS: 459 | 5 K-33 HWY, | P.O. BOX 12 | 8, WELLSVII | LLE, KS 660 | 92 | | | | ELEV. GR.: | 1084 | | |
| WELL#: A | - 2A | LE | ASE NAME: | ALEXAND | ER EAST | | - | | DF: | | _ кв: | |
| OTAGE LOCATION | ON: 368 | O FEE | T FROM | (N) | <u>(S)</u> | LINE | 390 | FEET | FROM | <u>(E)</u> | (W) | LINE |
| CONTRACT | CONTRACTOR: FINNEY DRILLING COMPANY | | COMPANY | | | | GEO | LOGIST: | DOUG EV | ANS | | |
| SPUD DA | TE: | //13/2021 | _ | | | | TOTAL DEPTH: 1126 | | | - | P.B.T.D. | |
| DATE COMPLET | DATE COMPLETED: 7/15/2021 | | | | | | OIL PUR | CHASER: | COFFEYVILI | LE RESOURC | ES CRUDE T | RANSPORTAT |
| | | | | ASING | RECO | RD | - | | | | | |
| REPORT OF A | L STRINGS | - SURFACE, | INTERMEDI | ATE, PROD | UCTION, E | гс. | | | | | | _ |
| PURPOSE OF S | FRING SIZE HO | | SING SET (in O.D.) | WEIGHT LBS/FT | SETTING | DEPTH | TYPE CEMENT | SACKS | TYPE | AND % ADI | DITIVES | |
| SURFACE: | 12.25 | 00 | 7 | 21 | 42 | .3 | I | 10 | | | |] |
| PRODUCTION: | 5.87 | in I | 2.8750 | 6.5 | 11 | 19 | 70-30 | 70-30 133 SERVICE COMPANY | | | | T. |

CORES: # NONE
RECOVERED:
ACTUAL CORING TIME:

RAN: 1-FLOAT SHOE

1 - CLAMP 1 - BAFFLE

3 - CENTRALIZERS 1 - COLLAR 1 - SEATING NIPPLE

| FORMATION | TOP | воттом |
|--------------|-----------------|--------|
| TOP SOIL | 0 | 1 |
| CLAY | 1 | 4 |
| SANDSTONE | 4 | 15 |
| SHALE | 15 | 168 |
| LIME | 168 | 177 |
| SAND | 177 | 195 |
| LIME | 195 | 234 |
| SHALE | 234 | 247 |
| LIME | 247 | 311 |
| SHALE | 311 | 314 |
| LIME | 314 | 378 |
| SHALE | 378 | 390 |
| LIME | 390 | 446 |
| SHALE | 446 | 472 |
| KC LIME | 472 | 581 |
| SHALE | 581 | 587 |
| KC LIME | 587 | 632 |
| SHALE | 632 | 635 |
| KÇ LIME | 635 | 638 |
| BIG SHALE | 638 | 804 |
| LIME | 804 | 809 |
| SHALE | 809 | 817 |
| LIME | 817 | 819 |
| SHALE | 819 | 831 |
| LIME | 831 | 839 |
| SHALE | 839 | 847 |
| SAND | 847 | 856 |
| SHALE | 856 | 901 |
| LIME | 901 | 903 |
| SHALE | 903 | 911 |
| LIME | 911 | 919 |
| SHALE | 919 | 932 |
| LIME | 932 | 936 |
| SHALE | 936 | 950 |
| LIME | 950 | 955 |
| SHALE | 955 | 970 |
| LIME | 970 | 974 |
| SHALE | 974 | 997 |
| SAND & SHALE | 997 | 1001 |
| SHALE | 1001 | 1022 |
| CAP LIME | 1022 | 1024 |
| | 1 | |
| | . ' | •—— |

| 1 - SEATING NIPPLE | | | | | | | | |
|--------------------|------|-----------|-----------|--|--|--|--|--|
| FORMATION | TOP | BOTTO | И | | | | | |
| SHALE | 1024 | 1026 |] | | | | | |
| OIL CAP LIME | 1026 | 1027 | | | | | | |
| OIL SAND & SHALE | 1027 | 1031 | GOOD SHOW | | | | | |
| OIL SAND & SHALE | 1031 | 1034 | BEST SHOW | | | | | |
| OIL SAND & SHALE | 1034 | 1037 | GOOD SHOW | | | | | |
| SHALE | 1037 | 1040 | NO SHOW | | | | | |
| SHALE | 1040 | 1126 T.D. | [| | | | | |
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| CEMENT | TRE | ATMEN | T REP | ORT | | | | | | | | |
|-----------------------------|------------|-----------|---------------|---------------|------------------------|-------------------------------|---|---------------------|-----------------------|--|--|--|
| Customer: Altavista Energy | | | | | Well: | | Alexander East A- | 2A Ticket: | EP2246 | | | |
| City, State: Wellsville, KS | | | | | County: | | WO, KS | Date: | 7/15/2021 | | | |
| Field | d Rep: | Bryan M | iller | | S-T-R: | | 2-24-16 | Service: | longstring | | | |
| | | | | | | | | | | | | |
| | | nformatio | 'n | | Calculated | Slurry - Lea | d | Cal | culated Slurry - Tail | | | |
| | Size: | 5 7/8 | | | Blend: | Blend: HD5055 Blend: | | | | | | |
| Hole (| | 1126 | | | Weight: | Weight: 13.85 ppg Weight: ppg | | | | | | |
| Casing | | 2 7/8 | | | Water / Sx: | | Water / Sx: | | | | | |
| Casing I | 等长期 | 1119 | | | Yield: | 1.37 | ft³/sx | Yield: | | | | |
| Tubing / | | | in | | Annular Bbls / Ft.: | | bbs / ft. | Annular Bbls / Ft.: | | | | |
| | Depth: | 1-0 | ft | | Depth: | | ft | Depth: | | | | |
| Tool / Pa | | baf | | | Annular Volume: | 0.0 | bbls | Annular Volume: | | | | |
| Tool I | | 1087 | | | Excess: | | | Excess: | | | | |
| Displace | ment: | 6.29 | bbls | | Total Slurry: | 33.43 | | Total Slurry: | | | | |
| TIME | RATE | PSI | STAGE BBLs | TOTAL BBLs | Total Sacks: | 137 | sx | Total Sacks: | 0 sx | | | |
| 10:45 AM | MAIL | | | - | on location, held safe | ty meeting | | | | | | |
| 10.45 AIII | | | | | On rocation, herd sale | ty meeting | | | | | | |
| | 4.0 | | | <u>:</u> | established circulatio | n | | | | | | |
| | 4.0 | | | | | *********** | Gel followed by 4 bbls | fresh water | | | | |
| | 4.0 | | | | | | 5 cement, cement to su | | | | | |
| | 4.0 | | | | flushed pump clean | , oko Hood | o cement, cement to de | | | | | |
| | 1.0 | | | | | plug to haffl | e with 6.29 bbls fresh w | ater | | | | |
| | 1.0 | | | | pressured to 800 PSI, | | | | | | | |
| | | | | | released pressure to | | | | | | | |
| | 4.0 | | | | washed up equipment | | | | | | | |
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| 241145 | | | | | | | Same the contract | | | | | |
| CREW | | | | | UNIT | | | SUMMAR | Y | | | |
| Cen | nenter: | Case | y Kenned | dy | 89 | | Average Rate | Average Pressure | Total Fluid | | | |
| Pump Op | erator: | Garr | ett Scott | | 239 | | 3.1 bpm | - psi | - bbls | | | |
| | Bulk: | | Mader | | 248 | | | | | | | |
| H2O: Scott McCrea | | | | | 111 | | | | | | | |